SECTION CONTENTS

AC POWER

→ UPS

POWERWARE UNINTERRUPTIBLE POWER SUPPLY

240VAC MAINS UPS POWER BACKUP SOLUTIONS

Protect valuable equipment investments in the office and home against power failures, surges & other power problems, easily & economically. Any electronic appliance can gain advantages from being mains protected.

Power protection involves not only backup voltage supplied from a battery when power outages occur, but also stopping spikes, noise and fluctuations of the mains supply. Some UPS will even regulate the mains (See ABM).

Power protection is essential to business as it prevents problems including data loss, file corruption, hardware damage, inadvertent equipment shutdown. Being prepared saves you money when equipment unexpectedly stops working. Equipment service life can be greatly extended when protected and many unexplainable problems can be attributed to this invisible source voltage.

Powerware have a comprehensive range of professional voltage backup systems. www.wescomponents.com/powerware or www.powerware.com.au

THE CHOICE IS EASY

Powerware 3105 Basic Backup with Modified Sine Wave. Compact. Prevent power surges and sags from affecting your PC and peripheral equipment with enough battery backup for your PC to ride through most power outages. Excellent for single workstations, POS, Lighting, etc.

Powerware 5110 Basic Backup Modified Sine Wave with the AVR* advantage. The next step up in voltage protection with AVR* to smooth out voltages, regulate power fluctuations & protect PCs, workstations, servers, etc.Line-Interactive, Automatic-Voltage-Regulation* for a consistent 240Vac.

Powerware 5115 Pure/True Sine Wave Output during backup plus AVR*. For more critical applications a cleaner backup voltage is required. This series is True Sine Wave output where crucial, yet cost effective protection is essential. Ideal for small servers and sensitive equipment.

Powerware 5115RU Premium confidence solution for professional installations The Pure Sine Wave Output of the 5115 above, in a space saving rack unit.

POWERWARE POWERBOARD UPS

3105 Series Modified Sine Wave Power Board with Filtering.

Plug your valued equipment into this ultimate six way power board. Ideal compact, affordable UPS system for your small office or home office. Ready to switch to UPS battery power any time it detects a power problem. With surge suppression and line filtering for mains, telephone & LAN.

Backup power for cordless phones, computers, cash registers, lights, etc. Saves space with a compact design that fits easily under a desk, etc. Also has separate surge protection circuits for LAN or telephone lines. Informs you of power problems and low battery conditions with audible alarms and remote alarm notification via software through a USB port.

LanSafe V.5 Software included for network monitoring, auto-shut-down, etc.

Power	Full Load	1/2 Load	Size	Weight	Code
500VA	3min	11min	280x115x108mm	5.0Kg	PW3105-5
700VA	3min	9min	280x115x108mm	6.5Kg	PW3105-7

POWERWARE LINE INTERACTIVE UPS with AVR*

5110 Series Modified Sine Wave Battery backup & filter UPS with AVR* This line-interactive UPS system delivers excellence in power quality by constantly monitoring and adjusting the mains voltage with AVR*.

Safeguarding your equipment from power surges, sags, brown-outs, black-outs, under-voltage & over-voltage conditions by supplying an unvarying 240Vac. Saves space with a compact design that can be a free-standing tower or horizontally under a computer monitor, etc. Attractive black design. Extends UPS service life with user-replaceable SLA batteries available. Provides UPS operating status via USB with Powerware LanSafe Software

Power	Full Load	1/2 Load	Size	Weight	Code
500VA	4min	12min	270x260x87mm	6Kg	PW5110-5
700VA	3min	9min	384x260x87mm	8Kg	PW5110-7
1000VA	5min	18min	384x260x87mm	12Kg	PW5110-10
1500VA	4min	12min	384x260x87mm	13Kg	PW5110-15

POWERWARE PROTECTS YOU FROM THE MOST COMMON POWER PROBLEMS

There are five common types of power problems, shown in the table below. This concept clarifies what types of problems can be avoided with which solutions and in which environment each solution is the most useful. The Powerware 3000 Series products protect you from problems 1 to 3, The Powerware 5000 Series protects you from all 5.

1 Power Failure
2 Power Sag
3 Power Surge
4 Under Voltage
5 Over Voltage

IEC POWER LEADS
The 5000 Series units all use IEC Power connections In/Out. See following pages for IEC Leads

ADVANCED BATTERY MANAGEMENT (ABM**)
The lead-acid batteries typically used in a UPS are judged to be viable as long as they can maintain backup times of at least half that of a new battery. Virtually all other UPSs on the market today have batteries that are constantly trickle charged. Those batteries reach the end of their useful life in less than half the time of batteries that are charged using ABM. ABM uses a three-stage charging technique that doubles battery service life and also quickens battery recharge time and provides up to a 60-day advanced notification of the end of useful battery life.

ADVANCED VOLTAGE REGULATION (AVR*)
A unique transformer switching solution that changes the output voltage, depending on the input voltage, so that 240Vac is always maintained removing any fluctuations in supply voltages to your equipment.

For more detailed information and more products available, please see...
www.powerware.com.au or www.wescomponents.com/powerware/

FIVE MOST COMMON POWER PROBLEMS

ALL UNITS INCLUDE LANSAFE SOFTWARE

3105

5000 Series Protects to Five Levels

1. POWER FAILURE
2. POWER SAG
3. POWER SURGE
4. UNDER VOLTAGE
5. OVERVOLTAGE

POWERWARE LINE INTERACTIVE UPS SINE WAVE

5115 Series Pure Sine Wave Output Battery Backup with AVR*.
True sine wave output during battery backup gives the best power supply integrity for maximum electronic appliance protection. Ideal for sensitive equipment, minimising any chance of interruption to critical electronics like computers, main frame servers, any enterprise or office equipment. Some electronic appliances will not function unless supplied true sine wave. Hot swappable batteries, so no equipment down time if servicing required. Enhanced rapid battery charge time for next incident preparation. ABM** will give you advanced warning of the end of useful battery life. AVR* regulates power fluctuations with Buck and Boost voltage regulation. Ensure data integrity with free Software Suite bundle including LanSafe V.5

TRUE SINE WAVE

Best Power Protection Battery UPS

Power	Full Load	1/2 Load	Size	Weight	Code
500VA	5min	13min	150x185x270mm	8Kg	PW5115-5
750VA	6min	18min	150x185x335mm	12Kg	PW5115-7
1000VA	5min	15min	150x185x335mm	12Kg	PW5115-10
1440VA	5min	15min	150x185x388mm	17Kg	PW5115-14

DUE TO WEIGHT - THESE ITEMS ARE ROAD TRANSPORT ONLY

POWERWARE LINE INTERACTIVE UPS SINE WAVE 1RU RACK MOUNT

5115-RM Series Same as 5115, in a space saving super-flat 1U rack unit. The Powerware 5115 Rackmount UPS is a high-density power quality and backup power protection solution ideal for servers, storage systems, network equipment and any other critical devices and enterprise equipment. The slim design and wide range of UPS system installation possibilities make the 5115-RU UPS a very versatile UPS power quality solution. Conserves valuable space with 1U rack height. Premium build quality. Delivers smooth, continuous power with pure sine wave output during backup. Protects from power fluctuations with AVR* Buck & Boost voltage regulation. Includes removable mounting hardware for efficient 1U rack mounting, Side cabinet and Wall mounting kit (0U) or flat bench-top installations.

RACK MOUNT SOLUTIONS

Power	Full Load	1/2 Load	Size	Weight	Code
500VA	5min	13min	440x580x44mm	16Kg	PW5115RM-5
750VA	6min	17min	440x580x44mm	16Kg	PW5115RM-7
1000VA	5min	15min	440x580x44mm	19Kg	PW5115RM-10
1440VA	5min	16min	440x580x44mm	22Kg	PW5115RM-15

→ Power Boards

8-WAY PROTECTED BOARD

POWER/DATA/AERIAL/PHONE ANTENNA & CABLE TV

PAL Connectors Free-TV
"F" Connectors Cable-TV

240VAC-10A with 60K Amp Surge 10A Resettable Circuit breaker Power On/Off switch 1.8M Cord Telephone/Modem/ADSL splitter protector CAT5/6 Ethernet line protector Coax Line Protect TV Aerial PAL Coax Cable TV "F" Coax

Type	Code
8-Way	POD604

Includes:
Telephone Cable
Network Cable
Aerial Cable

6-WAY PROTECTED BOARD

POWER/DATA/AERIAL/PHONE

240VAC-10A 6 Outlet board 60,000 Amp Surge protection 10A Resettable Circuit breaker Power On/Off switch. 1.8M Cord Telephone/Modem splitter protector CAT5/6 Ethernet line protector TV Aerial PAL Coax line protector

Type	Code
6-Way	POD603

PRO SERIES POWERBOARD

COMPLETE SURGE & FILTERING PROTECTION

High quality powerboard with high end surge protection for power, TV and telecom(*). Also has two USB charger sockets for charging / powering devices. Earth & surge protection Indicator. Surge protected & EMI/RFI filtered sockets. Illuminated ON/OFF switch with 1.8M of power cord. 240VAC 10A power rating. Extruded alluminium construction.

Type	Code
3 Outlet	PTPRO3
4 Outlet*	PTPRO4
6 Outlet*	PTPRO6
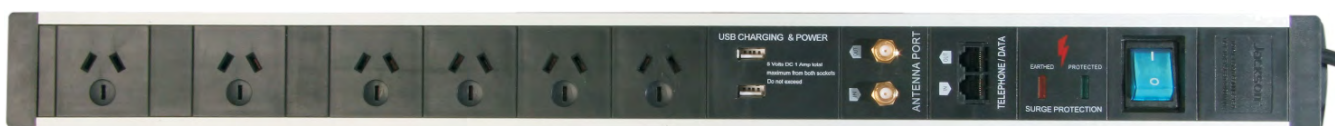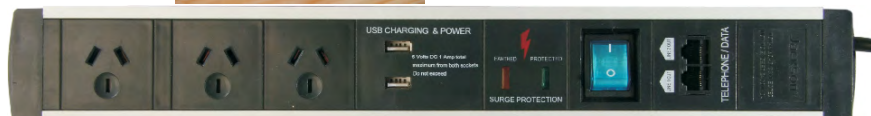
8 WAY POWER BOARD

PLATINUM PROTECTOR

Surge spike protected 2100 Joules 58,800 Amps & EMI/RFI Noise filter Earth/Protect Indicators 10A Resettable overload Master power switch 2 Extra-Spaced outlets 1.8M cord to R/A plug PAL Antenna protection RJ12 Phone protection

Code PB100-8PS

AUTO-SWITCHED BOARD

Master socket detects power usage above 30W and then enables the other mains power sockets. Switch one item on and the other items switch on automatically. Cool idea for saving time and saving energy.
*Not suitable for Laser Printers.
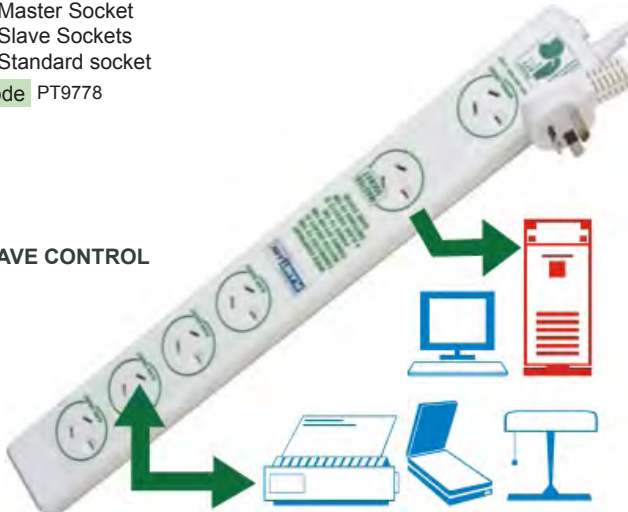1x Master Socket
4x Slave Sockets
1x Standard socket

Code PT9778

SLAVE CONTROL

MASTER / SLAVE SWITCH

DEVICE TRIGGERED SOCKET

Energy Saving power board is fully automatic and does not need any pre-setting or additional remote controls. Attach the primary appliance like computer system or Home entertainment system to the MASTER socket. Then connect your peripheral to the controlled SLAVE socket - these would typically include speakers or amplifier, gaming console, monitor, printer or a scanner. When the item connected to the MASTER socket is shut down the power board automatically turns the power supplied to the controlled SLAVE socket off. This eliminates the wasted power that would have been consumed by the appliance. When the primary appliance is reactivated (turned on) the power to the other controlled socket is switched on.

Code
PT9777

SLAVE   MASTER

POWER BOARD WITH RF FILTERING

Extra long 5M mains lead with right angle plug. Individually switch power board. 2x extra wide power outlets bulky power packs. EMI, RFI, surge and overload protection. Black in colour. Deluxe quality.

Code
PT0872

EMI
FILTERED
RFI

POWER BOARD INDIVIDUALLY SWITCHED

PHONELINE SURGE PROTECTED

Home or office equipment. Surge & Spike protection for Power and Phone/Fax/Modem. Individual power switches for each of the six outlets. Power indicator. 2M Cord. 10A resettable fuse Right angle low profile plug.

4 WAY
Code
PT0984

6 WAY
Code
PT0989

Full Lifetime
Replacement
Warranty

EMI RFI
FILTERED
NOISE

SURGE SPIKE
PROTECTED
MOV Arrester

INDIVIDUAL POWER SWITCHES

12 AC POWER

➔ Power Boards

MAINS POWER BOARD ECONOMY

Power board with 10A resettable protection (Appearance may change) Excellent price! Cord 1.0 Metre.

4 WAY BLACK

Code
PB40BK

4 WAY WHITE

Code
PB40

6 WAY WHITE

Code
PB60

4 WAY POWER BOARD IEC INPUT

A great solution for computers and UPS units. Power board is powered from an IEC power lead, this enables it be powered from auxiliary output on the computer to automatically power up & power down peripherals when turning the computer On or Off. 2 extra spaced out power outlets for bulky adaptors. Includes IEC power lead. Overload protection.

Code
PT7779

POWER BOARD VARISTOR-SPIKE

SPIKE & 10A PROTECTED

Competitively priced with Illuminated power switch 10A Resettable fuse button Single MOV Spike arrester and 1 Metre Cord R/A Plug.

4 WAY

Code
PB430

6 WAY

Code
PB630

PROTECTION INDICATOR
POWER INDICATOR

4 WAY POWER BOARD

INDIVIDUALLY SWITCHED

Surge spike protected with LED Indicator Overload protected 10A with reset button Individual switches and LED indicators 230x75x35mm white R/A Mains Plug 1 Metre lead.

Code	PB40-4SW

POWER BOARD SPACED-SOCKETS

SPIKE & 10A PROTECTED 6

Powerpacks & Plugpacks can block using all sockets! This board extends the space between 3x sockets

WHITE

Type	Code
6 Way	PT6969SW

BLACK

Type	Code
6 Way	PT6969SB

Full Lifetime Replacement Warranty

POWER BOARD WITH USB CHARGER

2x USB Sockets for Powering USB devices and charging, etc. 5Vdc 1A (Total) Surge protection Spaced sockets 10A Circuit Breaker.

4-WAY

Length	1M
Code	PT2929SUSB

6-WAY

Length	1M
Code	PT6969SUSB

INLINE-SOCKET

Code	PT1USB

→ Power Boards

19" RACK MOUNTED POWER BOARDS

ALUMINIUM CASING 1.5RU

Illuminated master power switch with protective cover.
1.5RU a little more space. 6way has adaptor spacing.
Aluminium-alloy casing. 10A Resettable fuse button.
Single MOV Spike arrester surge protection.
Rated to maximum output power 2400W.
Black 430mm long. 2M cord.
Australian Approved
SAA100425EA

Type	Rack	Code
6 Outlets	1.5 RU	PDU600
8 Outlets	1.5 RU	PDU800

19" VERTICAL POWER RAIL 15 WAY

ALUMINIUM CASING 1RU

Illuminated master power switch with protective cover.
1RU. Outlets grouped with spacing for adaptors, etc.
Aluminium-alloy casing. 15A Resettable fuse button.
Single MOV Spike arrester surge protection.
Rated to maximum output power 3600W.
880mm long. 2M cord. Oversized 15A Plug.
Australian Approved
SAA100425EA

Type	Code
15 outlets	PDU1500

OVERSIZED EARTH PIN
TYPE PLUG 15A

19" RACK MOUNT POWER BOARD

SPIKE & 10A PROTECTED

Illuminated master power switch. 10A Resettable fuse button.
Single MOV Spike arrester surge protection. 1 Metre Cord. R/A Plug.

Type	Code
6 Outlet	PB60RK

19" RACK MOUNTED POWER BOARD - FLUSH

SPIKES AND 10A PROTECTED

High quality metal cased 1U & 2U rack mounted powerboards. Ideal
for server rooms and audio installations. 1575 joules spike surge and
10A overload protected. EMI & RFI Filtering. Power ON and earth LED
indicators. IEC socket with 1.8M Power lead.

Type	Code
6 Outlet	RAC0600
12 Outlet	RAC1200

19" RACK COMMERCIAL GRADE POWER RAILS

Supplied with 2 Cage Nut Screw Sets. 10A Resettable Fuse.
Led Power Indicator. 2.8M power cord.

Horizontal Mounting

PR8H Horizontal style suits the required length for
rack mounting (19") and is recessed for plug space.

Type	Length	Code
8 Outlet	430mm	PR8H

Vertical Mounting

Vertical style has the mounting brackets
towards the back for affixing to the
cabinet sides or back, etc.
65(w) x 45(h)mm x Length + Flange

Type	Length	Code
10 Outlet	500mm	PR10V
15 Outlet	720mm	PR15V
20 Outlet	950mm	PR20V

SAA APPROVED

SAFETY SWITCH POWER BOARD

RCD PROTECTED

Quality four way power board with built in Residual Current Device (RCD) safety switch for protection against electric shocks. Wide outlet spacing, Surge spike arrestor protected. Rating 240 volt, 10 Amp, 2400 watt with Manual reset function. 1M mains cord.

Type	Code
4 Way	FWP-R

RCD PROTECTED POWERBOARD

SAFETY SWITCH

Powerboard with built in Residual Current Device (RCD) safety switch mains plug for protection against electric shocks. Built-in circuit breaker to shut off all power in the event of overloading. Manual button for overloading reset. 2 wide spaced outlets. Enables large power adaptors to be placed side-by-side. Rating 240 volt, 10 Amp, 2400 watt

Type	Colour	Code
6 Way	Red	PB64

SAFETY EXTENSION LEAD

IN-LINE RCD SAFETY SWITCH

Heavy duty safety extension lead with in-line Residual Current Device (RCD) safety switch for protection against electric shocks. Rating 240V 10 Amp 2400 watt (max.). 3 Core Heavy Duty Cable 1.8M of length.

Code
ORE18

RCD SAFETY EXTENSION LEAD 15M

SAFETY SWITCH PROTECTION

Heavy duty safety extension lead with built in Residual Current Device (RCD) safety switch mains plug for protection against electric shocks. 240V 10 Amp 2400 watt (max.). 3 Core Heavy Duty Cable 15M of length.

Code
ORE15

5 WAY POWER BOARD WITH SECURE LOOPS

Secure cable loop system to ensure you accidently dont pull the power plugs out of the powerboards sockets. The mains cables simply loop through the fasteners to keep the AC plugs in place. Bright orange colour makes it highly visible adding visual safety.

Code
PT6363

4 WAY HOME WORKSHOP BOARD

INCLUDES 5M HANGING CHAIN

Ideal for the workshop or shed. 5M long chain and 5M mains lead allows you to hang it from the roof or fixture. Helps eliminate the hazard of having power boards and mains leads running on the floor. Bright orange for maximum visibility. Illuminated on/off switch. Surge and overload protection.

Code
PT1199SS

POWER BOARD METAL BOX

Heavy duty metal enclosure Wall mounting screw option Large Adaptor Socket spacing Surge & Spike MOV Protection EMI/RFI Noise Filter included Illuminated power switch. 10A resettable fuse Red in colour. 1.2M Cord.

RED METAL BOX

SURGE SPIKE PROTECTED
MOV Arrester

4 WAY

Code
PT3388

8 WAY

Code
PT8888

HEAVY DUTY CONSTRUCTION

EXTENSION CORDS

SEE FOLLOWING PAGES...

Length	Code
10M	ACL2115

RCD INLINE

Earth leakage safety switch wall plug.

Code
CPCD859

COUNTDOWN TIMER

Mechanical timer for Auto On or Auto OFF after preset period of 2, 4 or 6HRs. Dusk/Dawn option too.

Code
PT2424

→ Double Adaptors

STANDARD DOUBLE ADAPTOR

Classic style
Single White. 10A

Code
MDA10

DOUBLE ADAPTOR PAIR

Flat style. 10A
Sold in L/R pairs.

Code
DA20RL

WITH SPIKE PROTECT
Single MOV Arrester

Code
DA21RL

VERTICAL DOUBLE ADAPTOR

Flat style. 10A

Code
PT6399

VERTICAL DOUBLE ADAPTOR

SURGE PROTECED

Vertical double adaptor
Arrests voltage surges
Protects equipment from
spike voltages on mains
175J 20ns 6KA MOV x1

Code
PT6400

VERTICAL DOUBLE ADAPTOR

WITH NIGHT LIGHT

Dual purpose device
Doubles as a child's Night/
safety light Photo sensitive
so light only on during dark

Code
PT6388

TRAVELLERS POWER BOARD

DUAL OUTLET PROTECTED

Now you will always have a enough sockets
in your room with this compact dual outlet
power board with cable hold. Includes a
handy travel case with room for chargers too.
Ideal for busy travellers. With handy pouch
With cord holder Surge Protected 90cm
extension lead.

Size	Code
75x30x120mm	PT2MICRO

→ Night Light

COMFORT LIGHT

SUPER-LOW POWER

Long-life Neon Lamp
Soft golden globe Indoor
use only 1mA power
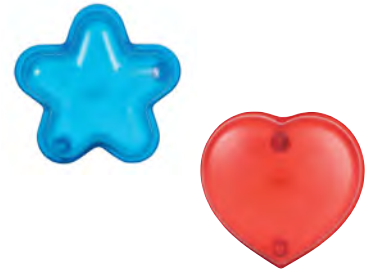usage Suit nurseries and
illuminating dark areas.

Code CLJ8WL

NIGHT LIGHT

Emits low level soft light 2mA
240Vac Long-life Neon Plugs
direct into power point

BLUE STAR

Code
CLST8R

RED HEART

Code
CLH8RT

HALLWAY LIGHT

240Vac AUTO LED NIGHT LIGHT
Direct plug to indoor socket
Automatically turns on at night.

WHITE LIGHT

Code
PT444L

MULTI COLOUR

Code
PT999L

ENERGY SAVING AUTOMATIC LED NIGHT LIGHT

PACK OF 3 HALLWAY SAFETY LIGHTS

Innovative LED technology
supersedes globes to deliver a better
and a lower operating cost option
lasting 100,000+ hours. These LED
Night lights are cool to touch giving
added peace of mind for parents.
Simply plug the night light into a
power socket and turn the power on.
The night lights will automatically
activate when the built in sensor
detects that the surrounds are dark or
dim and then turn off again when light
is detected on at dusk.
Order one to receive a pack of 3Pcs.

Code
Z53079

MOTION-SENSING LIGHT

SOFT PATH LIGHT

Low light soft Globe Walk
past this unit Light turns on
2 Min. Direct 240Vac plug-in
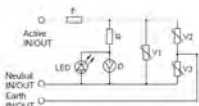Jackson-Industries

Code
PT911L

→ Power Protection

SLIMLINE SURGE PROTECTOR

Protects your appliances from the hazards of damaging power surges and voltage spikes. Slimline for powerboard use. Fully approved C-tick. Once the MSPT has been triggered, the indication light will extinguish and the MSPT has done its job and will need replacement.

Code
MSP12

SLIMLINE SURGE PROTECTOR

Protects your appliances from the hazards of damaging power surges and voltage spikes. With telephone line protection too. MOV x3 & Gas Arrester. Slimline for powerboard mounting. Fully approved C-tick. RJ12 (6P4C) x2 telephone socket. Once the MSPT has been triggered, the indication light will extinguish and the MSPT has done its job and will need replacement

Code
MSPT10
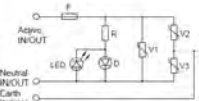
SINGLE OUTLET SAFETY SWITCH (RCD)

EARTH LEAKAGE DETECTOR ELECTRIC SHOCK PROTECTION

High Visibility ORANGE in colour Test button & power indicator Portable single outlet plug-in adaptor with AU Approved residual current device (RCD) safety switch for protection against electric shock. Suitable for most portable appliances used in bathroom, kitchen garden and workshop. 240VAC. 10Amp. 2400Watt Tripping Current: 30mA Arlec brand
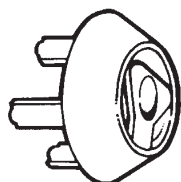
Code
CPCD859

PLUG-IN SAFETY PLUG

For child accident prevention. Blocks up vacant power point sockets with plastic stopper.
BUY 1 TO RECEIVE 6

Code
PSP6

TELEPHONE LINE SURGE PROTECTOR

Highly effective Gas Arrester type voltage spike protection inline Male to Female RJ12 6P2C Quickly Installed protection for modems, phones, & fax machines

Code
LPU01

ADSL/ADSL2+

SEE SECTION 16 COMPUTER
We have available a comprehensive range of ADSL Line splitters ADSL Line adaptors ADSL 2+ Modems and much more... For telephone Plugs, sockets, Adaptors and extension leads SEE SECTION 7 PLUGS & SOCKETS
ADSL SPIKE ARRESTOR !
See LPU01 and MSPT10
See our power boards too...

Code
DSL002

WIRELESS INTERCOM

**NO INSTALLATION REQUIRED**

Uses 240Vac mains for transmission. Simply plug into power, thats it! Units need to be on same circuit. Talk Call button and alert buzzer Lock button for continual transmission and monitoring. In-Use and Power indicators. Receiving volume control. Ideal for Home or Office. Simply plugs into 240Vac. Uses mains for transmission. Desk or Wall mounting.

Code
L88883
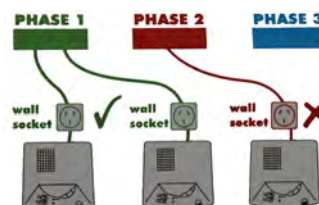
→ Timers

DIGITAL TIME SWITCH

Automatically switches lamps or appliances On and Off using up to 20 programmed settings. 10A

Each of the programmed times can be allocated which days to operate. Eg. 7 days a week, 6 days a week, weekdays, or only on a specific day.

Daylight savings, random setting, and over-ride settings makes this timer convenient with high security. Battery backup. LCD display.

Code
PC697

24 HOUR TIME SWITCH MECHANICAL

Features mechanical movement very straight forward to use visual confirmation is immediate 15 minute increments push type 48 ON and 48 OFF positions switch type. No pegs to loose Simple and easy. Rated at 240VAC 10A Will repeat your selected program every 24 hours offering many uses around the home or workplace for security or convenience

Code
PC707

7 DAY TIME SWITCH MECHANICAL

42 On and 42 Off switchings available every 7 days. Plugs directly in power point. 240 volt, 10 am rating. Simple operation. Automatic override switch bypasses timer settings.

Code
PC609

COUNTDOWN TIMER

& DUSK-TO-DAWN MODE
Orange 2M Extension cord Rotary switch between modes Select appliance power ON/OFF Mechanical timer set to a period of 2, 4 or 6 hours."Dusk-till-Dawn" setting for powering during Night time only.

Code
PT2424

→ Clocks

1.5" JUMBO DISPLAY CLOCK

BATTERY OPERATED CLOCK

Protective rubberized shell helps to keep safe from small falls, etc. Jumbo 38mm sized time display. Large easy to configure buttons. Cool Blue LED backlit display. Alarm w/ snooze 48x67x140mm Requires 3x "AA" batteries.

Code
XT012R-WH

TRAVEL CLOCK

BATTERY OPERATED LCD

Travel around in alarming fashion with this economical easy viewable time piece. Large LCD display 25mm Blue back-lit Night lite Ascending Alarm Volume 4 Minute snooze button Compact 50x80x110mm Requires 2x "AA" cells. Two case colours:

Colour	Code
Black	CL001-BK
White	CL001-WH

BATTERIES

DIGITAL THERMOMETER

WINDOW MOUNT

Suction cap sticks to the outside of the window so you can view outside temperature from the inside Large easy-to-read digits Attractive see through style LCD window is transparent Item is weather-resistant Watch-battery included 17mm Digits. 85mm unit.

°C MOUNTS OUTSIDE GLASS

Code
CL005

DIGITAL THERMOMETER

Portable, and handy pocket sized four digit digital display thermometer. Detachable Stainless steel probe that includes 1M of cable. Ideal for all service applications such as Heating and Ventilation systems, Agriculture, refrigeration and Laboratories. Built in table stand and pocket clip.
Fast (1 second) or Slow (15 seconds) temperature measuring cycle options.
Adjustable High and Low temperature warning
Wide Temperature reading: -40°C to +50°C
Resolution: 0.1, max. 0.3

Code
BC203T

LABORATORY GRADE THERMOMETER

➜ Power Leads & Extension Cords

IEC LEADS C13

Colour	Length	Size	Code
Black	0.5M	0.75mm²	ACL106BK-05
Black	1.0M	0.75mm²	ACL106BK-1
Black	1.8M	0.75mm²	ACL106BK-2
Black	2.0M	1.0mm²	ACL406BK-2
Black	3.0M	0.75mm²	ACL106BK-3
Black	3.0M	1.0mm²	ACL406BK-3
Black	5.0M	1.0mm²	ACL406BK-5
Black	10M	1.0mm²	ACL406BK-10
Grey	1.8M	0.75mm²	ACL106GY-2
Orange	1.0M	0.75mm²	ACL106OR-1
Orange	1.5M	0.75mm²	ACL106OR-15
Orange	2.0M	0.75mm²	ACL106OR-2
Orange	3.0M	1.0mm²	ACL406OR-3
Orange	4.0M	1.0mm²	ACL406OR-4
Orange	5.0M	1.0mm²	ACL406OR-5
Orange	6.0M	1.0mm²	ACL406OR-6

Cable Size mm² is multi-strand wire diametre. RoHS. SAA Approved. Orange leads are "Medical Grade" and have clear plugs for inspection.

R/A MAINS PLUG

Colour	Length	Size	Code
Grey	2.0M	0.75mm²	ACL106RA-2

IEC C13 RIGHT ANGLE

Length	Code
1.8M	ACL110

IEC C13 LEFT ANGLE

Colour	Length	Code
Black	1.8M	ACL111
Orange	1.8M	ACL106OR-2R

IEC C13 TO ROUND EARTH

Mains plug has a round earth pin.

Length	Code
2.0M	ACL107-2
3.0M	ACL107-3

APPLIANCE TYPE - KEYWAY C15

Note the Keyway. 7.5A Hi-Temp
Suit Kettles, Jugs, etc...

Length	Code
1.0M	ACL140

AC LEAD FIGURE EIGHT IEC C7

BULK Black 1.2M

Code
ACL104

C7 TO R/A PLUG 1.8M

Code
ACL104RA-2

AC LEAD CLOVER LEAF IEC C5

Length	Code
1.8M	ACL112

IEC C14 PLUG TO AC SOCKET

As used with UPS power backups and AT computers, etc. 10A 1.8M

Length	Code
30cm	ACL122
1.8M	ACL124-2
2.8M	ACL124-3

IEC SPLIT LEAD MAINS TO C14

AC PLUG TO 2X IEC PLUGS

Plug a PC and a monitor into the one socket 1.8M each

Length	Code
1.8M	ACL605

IEC C13 TO C14 EXTENSION

IEC Plug to Socket

Length	Code
1.8M	ACL120-2

IEC SPLIT LEAD C14 TO C13

IEC SOCKET TO 2X IEC PLUGS

Plug a PC and a monitor into the one socket. 1.8M each

Length	Code
1.8M	ACL606

IEC C13 CABLE RETAINER

IEC Plug safety retainer.
Prevents accidental removals.
The mounting ears of the clamps align with the mounting ears on the panel mount connectors.

Code
RET106

AC LEAD TWIN CORE BARE

With 2 pin plug
1.8M in length
Cable Size
0.75mm²

Code
ACL130

AC LEAD THREE CORE BARE

3 pin plug 1.8M
in length Cable
Size 0.75mm²

Code
ACL135

AC LEAD THREE CORE BARE R/ANGLE

3 Pin plug right angle.
Black cable 0.75mm²
bare ended.

Length	Code
2.0M	ACL135RA-2

AC LEAD THREE CORE BARE

WITH SPADE CONNECTORS

Includes connectors 6.3mm and Earth ring terminal To 3 pin plug 1.3M cord

Code
ACL136

15A HEAVY-DUTY IEC

IEC-320 C20 Plug

Power plug to bare wire
High-Temp' 15A Plug 1.8M
As used in some industrial
style equipment (UPS, etc.)

Code
ACL165

15A HEAVY-DUTY IEC C19

IEC-320 C19 Socket

Oversized Earth pin
240Vac 15A Plug
As used in some industrial
style equipment (UPS, etc.)

Length	Code
1.0M	ACL156-1
1.8M	ACL156-2
3.0M	ACL156-3
5.0M	ACL156-5

IEC C19 TO 10A MAINS

UPS Plug to standard sized 10 Mains Plug. 2.0M

Code
ACL109-2

15A HEAVY-DUTY IEC EXTENSION C19 TO C20

IEC-320 C20 Plug - C19 Socket

To an Oversized Earth pin type 240Vac
15A Plug. As used in some industrial
style equipment (UPS, etc.)

Length	Code
25cm	ACL157-025
50cm	ACL157-050
75cm	ACL157-075
1.0M	ACL157-100
1.5M	ACL157-150
2.0M	ACL157-200
2.5M	ACL157-250
3.0M	ACL157-300
5.0M	ACL157-500
6.0M	ACL157-600
8.0M	ACL157-800

IEC C20M TO C13F

Length	Code
0.3M	ACL158B

IEC C19F TO C14M

Length	Code
0.3M	ACL158A

EXTENSION LEADS

10A Amp Standard lead

BLACK

Length	Code
3M	ACL203BK

WHITE

Length	Code
3M	ACL203
5M	ACL205
10M	ACL210

ORANGE

Heavy Duty Jacket Lead
with Clear Plugs.

Length	Code
25M	ACL225

EXTENSION LEADS PIGGY-BACK

10A Amp Max Rated
Piggy back type plug All
are standard white

Length	Code
1M	ACL201PB
3M	ACL203PB
5M	ACL205PB
7M	ACL207PB
10M	ACL210PB
15M	ACL215PB

EXTENSION LEAD 15A OVERSIZED

OVERSIZED EARTH PLUG & SOCKET

Neon Light Socket. 15A.
Orange. Heavy duty PVC
for outdoors, welders,
caravans, etc. This cord will
accept standard sized plugs

Length	Code
10M	ACL2115

RCD SAFETY EXTENSION LEAD 15M

SAFETY SWITCH PROTECTION

Heavy duty safety extension lead with built in
Residual Current Device (RCD) safety switch
for protection against electric shocks.
240V 10 Amp 2400 watt (max.)

Length	Code
15M	ORE15
1.8M	ORE18

CORD SAFETY LOCK

EXTENSION CORD LOCK

Makes a tight and secure
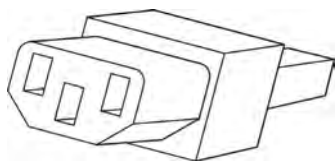connection of leads that
are water resistant.
Short term.

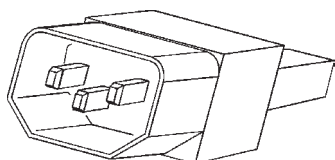| Code |
| --- |
| ACCL1 |

→ Power Plugs & Connectors

IEC AC SOCKET

Inline Female

Code
IEC15

IEC AC PLUG

Code
IEC12

IEC INPUT SOCKET

Chassis mount socket

Code
ACS206
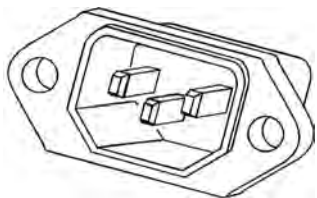
IEC INPUT SOCKET

WITH NOISE FILTER
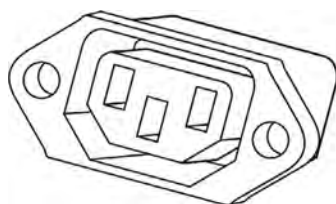Metal box grounded. 3A.

Code
MNF133
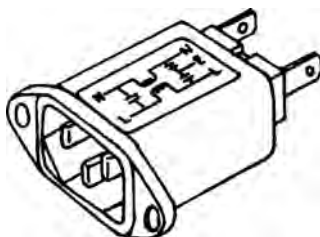
IEC OUTPUT SOCKET

Female IEC

Code
ACS207

IEC OUTPUT SOCKETS

Female IEC.
All Sockets.
Common rail.
Power Board.
Panel mount.

Socket	Hole	Code
5x	120x32mm	ACS507
6x	144x32mm	ACS607

AC INPUT SOCKET FIGURE EIGHT

Suits ACL104 lead
With battery switch

PCB Mount

Code
ACS205
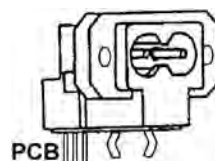
Cable Joins

Code
ACS204
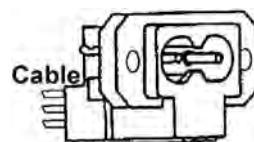
AC INPUT SOCKET SQUARE

Suits 16x10mm
Square lead
[Old National]

Code
ACS201
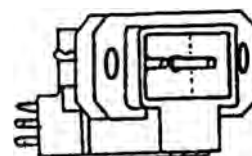
MAINS PANEL SOCKET

240VAC FLUSH MOUNT

PCB Mount or Screw Terminals.
Available in two panel depths.
1.2mm gap for steel thickness.
2.0mm gap for aluminium.

10A SOCKET

Type	Size	Code
Wire	1.2mm	PW1-0W
Wire	2.0mm	PW2-0W
PCB	1.2mm	PW1-0P
PCB	2.0mm	PW2-0P

15A OVERSIZED EARTH

Type	Size	Code
Wire	1.2mm	PW1-5W
Wire	2.0mm	PW2-5W
PCB	1.2mm	PW1-5P
PCB	2.0mm	PW2-5P

CLIPSAL SURFACE MOUNT

413QC PUNCH-DOWN INLINE
Quick connect 3 Pin Inline
or end terminal Simply
strip outer sheath exposing
insulated wires lay across
the terminals push to close
for contact Cable clamped
ready to go

Code
CLI413
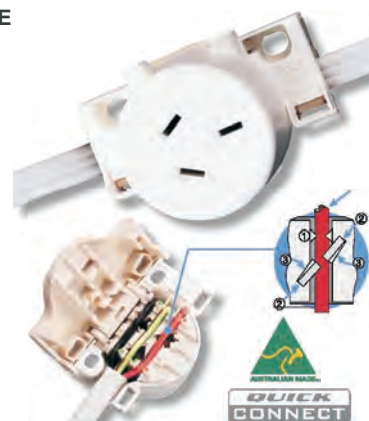
ELECTROMAGNETIC INDUCTION FIELD

These devices are highly permeable ferrite cores, split inside a plastic
case that snaps closed over power and data cables. Suppress noise
from / to many sources. eg. Computer monitors, Power cords, Switch
mode supplies, etc... Choose by cable diameter.

Code	Cable	Size
EMIF1000	5mm	15x23
EMIF1350	6.5mm	17x32
EMIF1651	7.5mm	20x32
EMIF1652	8.5mm	20x32
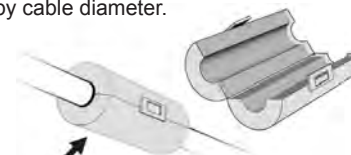
→ **Power Plugs & Connectors**

AC PLUG STANDARD

Traditional power plugs Screw terminal 3 Pin 10 Amp 240Vac Rated

Colour	Code
Clear	ACP3101
White	ACP3102
Grey	ACP3103
Black	ACP3104

AC PLUG SMALL-ENTRY

2-Core Flex power plugs Screw terminal 2 Pin 7 Amp 240Vac Rated

Colour	Code
White	ACP2102
Black	ACP2104

AC PLUG SIDE ENTRY

10 amp white
Hard plastic

Code
ACP410

AC SOCKET STANDARD

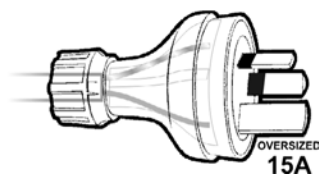Traditional power socket For extension cords, etc. Screw terminal 3 Pin 10 Amp 240Vac Rated

Colour	Code
Clear	CES310
White	CES110
Grey	CES111

15A AC PLUG HEAVY DUTY

Extra Large Earth Pins Screw terminal 3 Pin 15 Amp 240Vac Rated

Colour	Code
Clear	ACP315
Grey	ACP115

15A SOCKET HEAVY DUTY

Over-sized Earth-Pin Suits 15A Power Plugs Larger Power tools, etc. Screw terminal 3 Pin 15 Amp 240Vac Rated
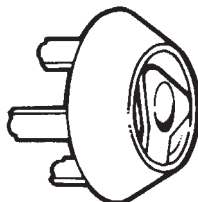
Colour	Code
Clear	CES315
White	CES115

PLUG-IN SAFETY PLUG

For child accident prevention. Blocks up vacant power point sockets with plastic stopper. Quantity 6

Code
PSP6

AC PLUG STANDARD BULK

BULK PACK OF 20 PIECES
Traditional power plugs
10 Amp 240Vac Rated

Colour	Code
Clear	ACP3121
White	ACP3122
Grey	ACP3123
Black	ACP3124

Order 1 to receive pack of 20

AC PLUG SMALL-ENTRY

BULK PACK OF 20 PIECES
2-Core Flex power plugs
7 Amp 240Vac Rated

Colour	Code
White	ACP2122
Black	ACP2124

Order 1 to receive pack of 20

LAMP CORD TWIN

7A 2 CORE 100M
Double Insulated Extra flexible Fully approved 240Vac cable.

Colour	Code
Black	PWC2-10B
White	PWC2-10W

MAINS CORD WITH EARTH

Double Insulated Extra flexible Fully approved 240Vac cable.
10A 3 CORE 100M

Colour	Code
Black	PWC3-10B
Grey	PWC3-10G

STRAIN RELIEF BUSHING

CABLE CLAMPS

Hole	Code
6.2Ø→7.4Ø	SRC510
7.4Ø→8.2Ø	SRC610

X10 Pieces

Chassis Mount

RUBBER GROMMETS

CHASSIS MOUNT 10pcs
Please Order ONE to Receive a bag of 10.

A	B	C	D	E	Code
11	8.0	4.5	1.6	4.5	GM210
15	9.5	6.3	1.6	7.0	GM310
18	13	9.5	1.6	6.8	GM410

B MOUNTING HOLE
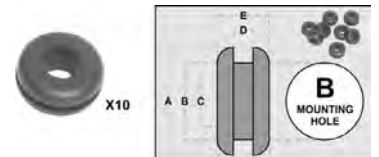
→ **Power Installation**

FUSE WIRE

HOUSEHOLD PACK
Fuse box wire 1 Metre each
8 Amp (Lights)
15 Amp (Power)

Code
FW816

FUSE WIRE
8 AMP.
16 AMP.
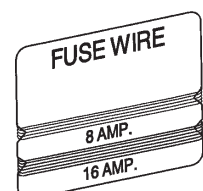
→ Power Protection

PANEL MOUNT BREAKERS

240Vac max.
50Vdc max. 150%
Slow. 200% Fast

Amps	Code
3A	CRB3
5A	CRB5
10A	CRB10
15A	CRB15
20A	CRB20
25A	CRB25

6mm

35x30 x14mm

PANEL MOUNT BREAKERS

Thermal. Resettable. AC/DC
240Vac max. 50Vdc max.
150% Slow. 200% Fast.

Amps	Code
2A	PCB2
3A	PCB3
5A	PCB5
10A	PCB10
15A	PCB15
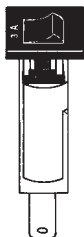
FUSE HOLDERS

Chassis mount. Bakelite.
20x5mm CEB/TBX

Code
FH3

32x6.35mm MGC/TDL

Code
FH2

FUSE HOLDER

Screws open with a coin
or screwdriver. Chassis
mount. Extrudes only
2mm Hi-Temp plastic.
20x5mm CEB/TBX

Code
FH31

FUSE HOLDER

Bayonet lid opens
with a screwdriver
Chassis mount.
Bakelite. 10A.
**32x6.35mm
MGC/TDL**

Code
FH21

MGC/TDL FUSE HOLDER

Chassis mount
Suit 32 x 6.35mm
fuse Clip off face.

Code
FH12

MGC/TDL FUSES

SECTION 2 COMPONENTS

Our comprehensive
range of fuses is to
be found in Section
Two! Code MGC[x]
[x] = Value in Amps

32mm

6.35mm

→ Power Installation

ARCHITRAVE

Arlec 9000 Series

SINGLE GANG SWITCH

Code
W9111

ARCHITRAVE

Arlec 9000 Series

DUAL GANG SWITCH

Code
W9112

WALL PLATE SWITCH 10A

SINGLE - Arlec 9000

Code
W9101

WALL PLATE SWITCH 10A

DOUBLE - Arlec 9000

Code
W9102

WALL PLATE SWITCH 10A

TRIPLE - Arlec 9000

Code
W9103

WALL PLATE SWITCH 10A

QUAD - Arlec 9000

Code
W9104

MAINS LIGHT DIMMER

Arlec 9000
Curved Wall Plate.

Power	Code
400W	W9121

POWER POINTS 10A

SINGLE - Arlec 9000

Code
W9201

POWER POINTS 10A

SINGLE +SWITCH

Code
W9203

POWER POINTS 10A

DOUBLE - Arlec 9000

Code
W9202

POWER POINTS 10A

DOUBLE +SWITCH

Code
W9204

WALL BLANKING PLATE

Arlec 9000
New "Rounded Edge"
Style with Clip-On
covers.

Code
W9109

MOUNTING BLOCKS

Arlec 9000. 32mm.

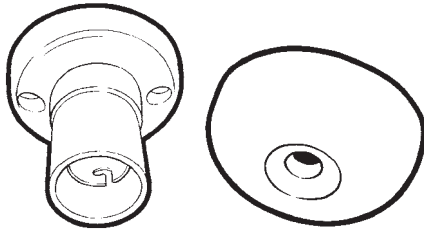Code
W9065

MOUNTING BLOCKS

Arlec 9000. 16mm.

Code
W9066

→ **Power Installation**

BATTEN HOLDER

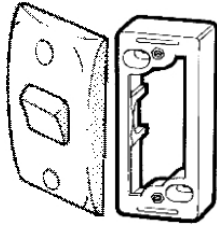Standard bayonet

Code
BH10

CEILING ROSE

White 4 terminal

Code
CR94

ARCHITRAVE

SINGLE GANG SWITCH

Code
MSW10
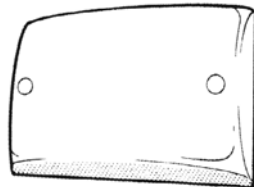
SINGLE MOUNTING BLOCK

Code
MB771

WALL BLANKING PLATE

STANDARD SIZE

Code
WBP10

MOUNTING BLOCKS

Stand-Off mounting block
Standard Wall plate size
Suit Clipsal® & HPM®

Depth	Code
35mm	MBL1
13mm	MBL2
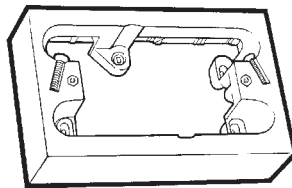
MOUNTING BLOCK

WHITE PLASTIC STAND-OFF
As used to mount wall plates off-wall.
Includes screws.

Size	Code
70x115x37mm	CMB10
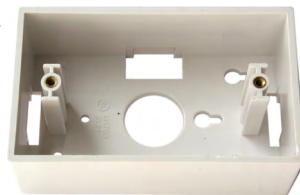
RECESSED POWER POINT

Compatible with all wall outlets,
(Does not include wall outlet itself).
Metal bracket. White.
70mm/90mm depth.

Code
WP-REC1
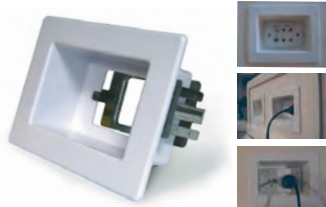
WALL PLATES OTHER TYPES

SEE SECTION 9 ANTENNA ACCESSORIES

Many types available
Including Antenna,
TV, Audio, Video,
Communication, CAT5

Keystone socket types:
RCA, F, PAL, BNC & More!

MOUNTING BRACKETS

Universal Gyprock
Plaster type.

Code
UMB5

MOUNTING BRACKETS

Universal "L" type bracket Nail to beam
STANDARD

Size	Code
132x40x72mm	UMB10

& LARGE

Size	Code
132x90x40mm	UMB12

METAL WALL BOX

Standard wall plate size.
Mounts as backing.
Protecting and Shielding.
Punch-out holes

Code
MWB10
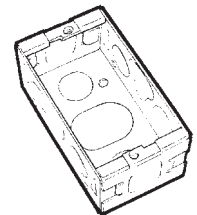
JUNCTION BOXES

White Plastic
Wall Mount Arlec.

Size	70x70x35mm
Amps	40A
Term	4x
Code	W9070

JUNCTION BOXES

White Plastic
Wall Mount HPM

Size	70x70x35mm
Amps	40A
Term	4x
Code	CD404

JUNCTION BOXES

White Plastic
Wall Mount Arlec.

Size	100x70x45mm
Amps	40A
Term	4x
Code	W9071

→ Power Installation

5mm CABLE CLIPS x20

For figure 8 flex Order
One to receive 20

Code
DQ5

CABLE CLIPS COAX & POWER CORD

ROUND CABLE
Order One to receive 100 (or 20*)

Size	Colour	QTY	Code
6mm	White	x100	CC600W
6mm	Black	x100	CC600BK
7mm	White	x100	CC700W
7mm	Black	x100	CC700BK
10mm	White	x20*	DQ10
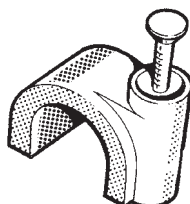
CABLE CLIPS FIGURE-8

DUAL [X2] CABLE
Order One to receive 20
Suits Figure eight cable
White. Nail inclusive.

Size	QTY	Code
5mm	x20	DQ5
13mm	x20	DQ13
15mm	x20	DQ15
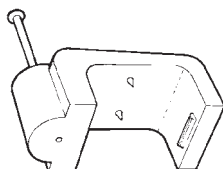
CABLE TIES

ORDER ONE BAG TO RECEIVE 100 PIECES

Colour	Size	Code
White	100mm x 2.5mm	NCT120
White	142mm x 3.6mm	NCT130
White*	156mm x 3.6mm	NCT140
White	203mm x 3.6mm	NCT150
White	292mm x 4.8mm	NCT160

* Cable tie has an Anchor Point

CABLE TIES IN A KIT

100 PIECES ASSORTED
Excellent hobby or tradesman
solution with a selection of popular
sizes of cable ties and stick-on
holders too. Nylon. Assorted
colours.
50x   2.5 x 100mm
25x   2.5 x 200mm
25x   Stick-N-Hold

Code
NCT500
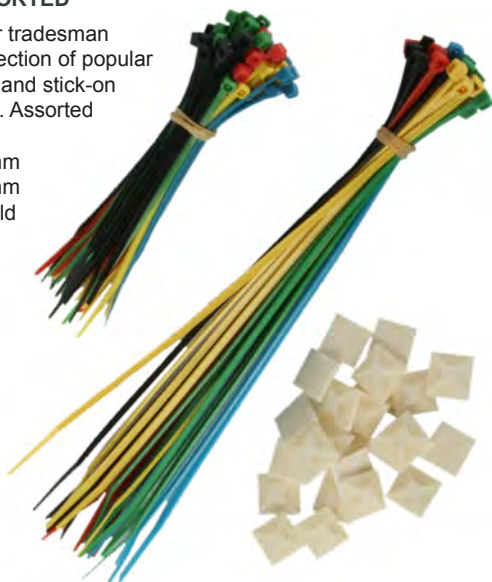
CONNECTOR NUTS

Bare the end of the
wires & twist in.

16-24 AWG 100pcs

Code
TM43002

16-14 AWG 100pcs

Code
TM43001
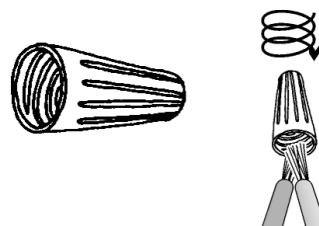
CLOSED END SPLICES

Crimp to terminate.
Clear. Order one to
receive 100 pieces.

AWG	Code
22-18	TM41001
16-14	TM41002
12-10	TM41003

SINGLE SCREW CONNECTOR

40A cable connector.
Order One to receive 8

Code
SC40
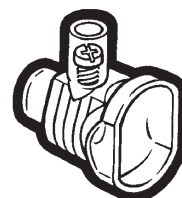
TERMINAL STRIP

12 Terminals in one strip.
Simply cut to required
length. Plastic and brass.
240Vac 10A

Code
TB240

6.7
16mm
9.0

TERMINAL STRIPS IN ALL SIZES

NYLON WITH BRASS + STEEL SCREWS
Heavy duty quality for reliability.
5A to 60A. Insulation Voltage
380V. 12 Terminals with
mounting Holes between each.
Cut to length.

BRASS BARREL
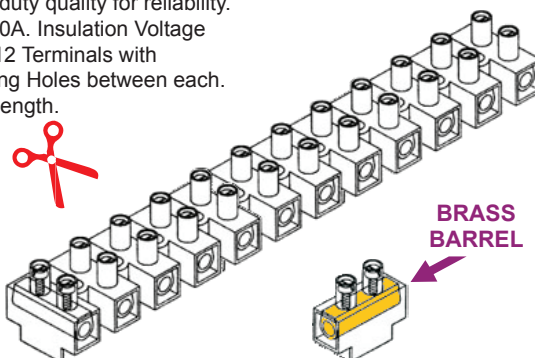
Imax	Length	max	Code
5A	110mm	3.6mm	TS1236
10A	130mm	4.0mm	TS1240
15A	130mm	4.8mm	TS1248
30A	150mm	5.1mm	TS1251
60A	190mm	6.7mm	TS1267

**PCB CONNECTORS
SEE SECTION 7**

Phone: 02-9798-9233   Fax: 02-9798-0017   Email: sales@wagner.net.au   Web: www.wagner.net.au

→ Overseas Adaptors

3 PACK

Converts Australian to USA, Europe & UK Pack of three items

Code
PTA6663

2 PIN ADAPTOR FOR OVERSEAS

Not Earthed. For USA, Japan, Taiwan, etc

Code
JA06

APP.V89434

EARTHED ADAPTOR FOR USA

Canada, etc.

Code
KAUS

APP.89434
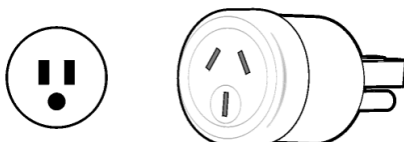
EARTHED ADAPTOR FOR EUROPE

Also Noumea, Tahiti, Middle East, Asia, South America, etc.

Code
KAEU

APP.89434
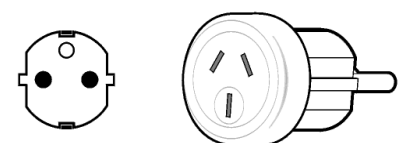
EARTHED ADAPTOR FOR GREAT BRITAIN

Ireland, Singapore, Middle East, Asia, Africa, Hong Kong.

Code
KAUK

APP.89434
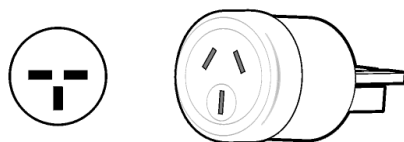
EARTHED ADAPTOR FOR STH AFRICA & INDIA

India, Pakistan & Sri Lanka, also South Africa

Code
KASI

APP.V98317

OVERSEAS MODEM ADAPTOR

Suit mobile travellers with Laptops and inbuilt modems. 7 adaptors from RJ11/12 to most popular world plugs. Suit more that 60 countries.

Code
MA14

EARTHED ADAPTOR FOR USE IN AUSTRALIA

2 & 3 pin plugs for USA, Europe, Asia, etc.

Code
AA01

SURGE PROTECTED

Code
PTA929
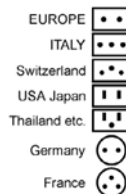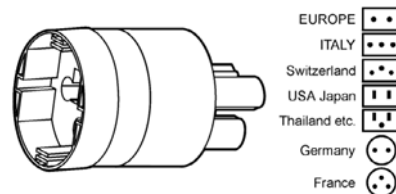
EARTHED ADAPTOR FOR USE IN AUSTRALIA

2 & 3 pin plugs for USA, Europe, Asia, etc.

Code
AA02

SURGE PROTECTED

Code
PTA878

EARTHED ADAPTOR FOR USE IN AUSTRALIA

Accommodates overseas most 2 & 3 pin plugs, British Face Japan, USA, UK, Hong Kong, etc. Europe Face Asia, etc...

Code
MR02
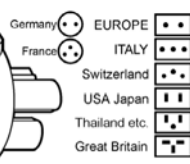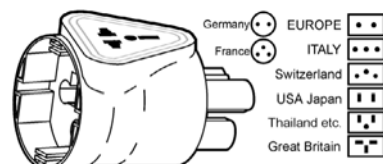
EARTHED ADAPTOR FOR USE IN AUSTRALIA

2 & 3 pin plugs for Sth-Africa & India

Code
AA08

240V TO 115VAC STEPDOWN TRANSFORMERS

This new range of step-downs use toroidal transformers for efficient, safe, low-noise, portable AC voltage reduction. Housed in an earthed metal box with carry handle. Illuminated power switch, power fuse and thermal fuse protected. Total isolation type circuit. Full approvals for test and certification guarantee suitability and ensure the standard and performance of this range is second to none.

240Vac To 115Vac 100W*

Output 115Vac 0.9 ,
2.7Kg   95x170x160mm

Code
TDB115-100

240Vac To 115Vac 250W

Output   115Vac 2.17A ,
4.1Kg   120x170x160mm

Code
TDB115-250

240Vac To 115Vac 500W

Output   115Vac 4.35A ,
6.3Kg   145x215x160mm

Code
TDB115-500

240Vac To 115Vac 1000W

Output   115Vac 8.7A ,
10Kg   150x230x180mm

Code
TDB115-1000

→ **Magnifying**

MAGNIFYING LAMP COMPACT DESK MOUNT 90mm

SMALL FOOT PRINT

Efficient Modern styling Compact desk-top lamp with magnification as used for meticulous detailed work 95mm magnifying lens with a 5 diopter scratch resistant lens surrounded by a round 12W fluoro' tube or 32x Super bright LEDs for excellent illumination. Adjustable angle mast 400mm max Ball-In-Socket head joint. 240Vac. Weighted base.

LED ILLUMINATED
32x Super Bright LEDs

Code
IMG2012B-LED

FLUORESCENT ILLUMINATED
Desk Lamp with 12W Round Tube. Energy efficient electronic ballast.

Code
IMG2012B

REPLACEMENT GLOBES
28W 200mm Globe Only.

Suit	Code
IMG2012	LMP2012

DIOPTER X5 MAGNIFICATION

4 pin 12W
LMP2012
97mm I/D
120mm O/D

MAGNIFYING LAMP PRO 150mm

AVAILABLE WITH ASSORTED BASES

Professional laboratory grade 5x magnifier and lamp assembly. Heavy duty, hidden springs, easy to manoeuvre assistance. Surrounded by a 22W round fluorescent tube or 56x Super bright LEDs for minimal shadow illumination and close-up vision. Work bench edge clamp base included. Other bases are optional extra including desk stand and trolley. Excellent construction and superior adjustability unit with 3 articulation joints. Adjustable angle mast available in 12"(300mm) or 16"(400mm) dual arm articulations. Please note that for maximum stability, the optional bases are only suitable for the 12" Lamp arms.

DIOPTER X5 MAGNIFICATION

16" 12" 12" 16"
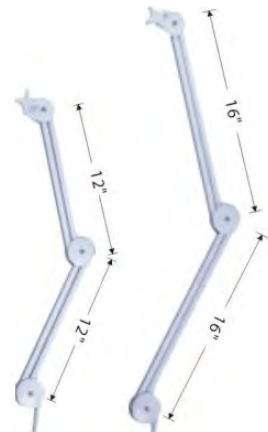
LED ILLUMINATED
56x Super Bright LEDs. Includes bench clamp.

Arm	Code
300mm x2	IMG6016LED-12
400mm x2	IMG6016LED-16

FLUORESCENT ILLUMINATED
Desk Lamp with 22W Round Tube. Energy efficient electronic ballast. Includes bench clamp.

Arm	Code
300mm x2	IMG6016-12
400mm x2	IMG6016-16

TROLLEY STAND
Four caster-wheel trolly stand for mobilising the 6016 series. 600mm tall. Base only. Requires 6016 Series Lamp. Suitable for shorter 12" arms only.

Code
IMG04

REPLACEMENT GLOBES
12W 140mm

Suit	IMG6016-12/16
Code	LMP6016

4 pin
150mm I/D
205mm O/D
LMP6016
22W

DESKTOP BASE
Weighted base for a non-scratch desk stand addition to 6016 series mag lamps. Base only. Requires 6016 Series Lamp. Suitable for shorter 12" arms only.

Code
IMG01

Phone: 02-9798-9233   Fax: 02-9798-0017   Email: sales@wagner.net.au   Web: www.wagner.net.au
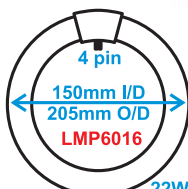
→ Lamps

PHILIPS MASTER PL-C LAMP

ENERGY SAVER

Energy-saving compact fluorescent lamps. Compact long-arc low-pressure mercury discharge lamp consists of 4 parallel narrow fluorescent tubes. Typically used in general down lights for retail, hospitality and office applications. The original Philips - invented bridge technology guarantees optimum performance in the application, enabling more light and higher efficiency. 2 pin version is designed for use with electronic ballasts for lower operating costs and flicker-free starting & 4 Pin Version is designed for operation on electronic HF control gear with integrated pre-heat.

2 PIN BASE PL-C LAMP

2-pin base with a housing incorporating the special instant starter and capacitor. Lamp characteristics are influenced by operating conditions and control gear used. Dimming is not possible

Watt	Colour Temp	Colour	Lumens	Base	Size	Code
13W	2700°k	Warm White	900	G24d-1	139.4x27.1	PLC-13W-2P-827-PH
13W	4000°k	Cool White	900	G24d-1	139.4x27.1	PLC-13W-2P-840-PH
18W	4000°k	Cool White	1200	G24d-2	151.4x27.1	PLC-18W-2P-840-PH
26W	2700°k	Warm White	1800	G24d-3	172.4x27.1	PLC-26W-2P-827-PH
26W	4000°k	Cool White	1800	G24d-3	172.4x27.1	PLC-26W-2P-840-PH

4 PIN BASE PL-C LAMP

4-pin base without starter and capacitor. Lamp characteristics are influenced by operating conditions and control gear used. Dimming is possible

| Watt	Colour Temp	Colour	Lumens	Base	Size	Code
13W	4000°k	Cool White	900	G24q-1	139.4x27.1	PLC-13W-4P-840-PH
18W	2700°k	Warm White	1200	G24q-2	151.4x27.1	PLC-18W-4P-827-PH
18W	4000°k	Cool White	1200	G24q-2	151.4x27.1	PLC-18W-4P-840-PH
26W	4000°k	Cool White	1800	G24q-3	172.4x27.1	PLC-26W-4P-840-PH
26W	2700°k	Warm White	1800	G24q-3	172.4x27.1	PLC-26W-4P-827-PH

G24q-1 G24q-2 G24q-3 G24d-1 G24d-2 G24d-3

27.1mm
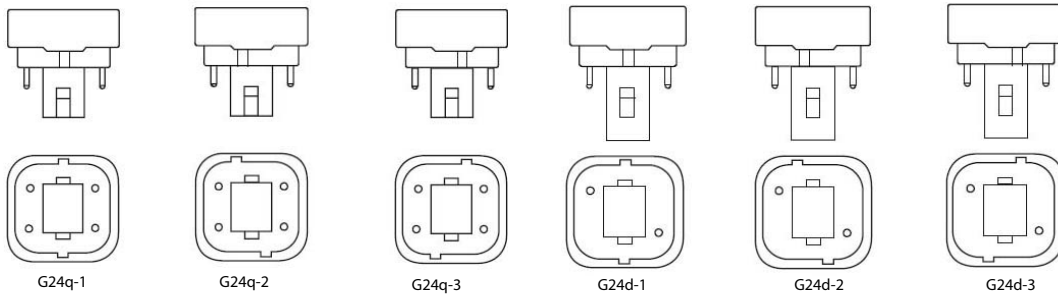
7W MINI FLUORESCENT LAMPS

DOUBLE PACK COMPACT TYPES

Watt	7W	7W
Colour	Warm White	Warm White
Temp.	2700K	2700K
Size	120x38mmØ	120x38mmØ
Base	Bayonet	Edison
Code	UR207/2B	UR207/2E

15W FLUORESCENT LAMPS

TRIPPLE FOLD EXTRA BRIGHT

Watt	15W	15W
Colour	Cool White	Cool White
Temp.	4200K	4200K
Size	141x40mmØ	141x40mmØ
Base	Bayonet	Edison
Code	UR315/2B	UR315/2E

15W FLUORESCENT SPOT

SUITS BULB VISIBLE APPLICATIONS

Watt	11W	11W
Colour	Warm White	Warm White
Temp.	2700K	2700K
Size	117x40mmØ	117x40mmØ
Base	Bayonet	Edison
Code	URG11/2B	URG11/2E

15W FLUORESCENT SPOT

DIRECTED BEAM SOLD IN SINGLES

Watt	15W
Colour	Cool White
Temp.	4200K
Size	120x45mmØ
Base	Edison
Code	URSL15E

13W FLUORESCENT LAMPS

SPIRAL COMPACT

Watt	13W	13W
Colour	Cool White	Cool White
Temp.	4200K	4200K
Size	105x40mmØ	105x40mmØ
Base	Bayonet	Edison
Code	URS13/2B	URS13/2E

22W FLUORESCENT LAMPS

LARGE BASE CURL

Watt	22W	22W
Colour	Cool White	Cool White
Temp.	4200K	4200K
Size	130x60mmØ	130x60mmØ
Base	Bayonet	Edison
Code	URS22/2B	URS22/2E

MR16 RECESSED DOWNLIGHTS CASING

FIXED HEAD

Die cast aluminium, Fixed head, twist lock. Suits to MR16 lamps max 50W. MR16 Lamp holder cable included.
Cut out hole Ø72mm. Size Ø81x50mm.

Colour	Code
White	RDL1600WH
Satin Chrome	RDL1600SC

Lamps Not Included

Ø81mm

50mm

Included

MR16 RECESSED DOWNLIGHTS GIMBLE CASING

TILT HEAD GIMBLE 45°

Die case aluminium casing, Twist lock. Suits to MR16 lamps max 50W. MR16 Lamp holder cable included.
Cut out hole Ø92mm. Size Ø103x49mm

Colour	Code
White	RDL1601WH
Satin Chrome	RDL1601SC

Lamps Not Included

Ø103mm

49mm

Included

MR16 SQUARE RECESSED DOWNLIGHT CASING

ROUND GIMBLE

Die cast aluminium casing with 45°round gimble. Twist lock. Suits to MR16 lamps max 50W. MR16 Lamp holder cable included.
Cut out hole Ø92mm. Size 103x103x49mm

Colour	Code
White	RDL1602WH
Satin Chrome	RDL1602SC

Lamps Not Included

103mm

103mm

49mm

Included

MR16 CEILING MOUNT HOLDER

FIXED HEAD FLUSH MOUNT WITH HEAT SHIELD

Die-cast Aluminium metal heat shield flush mount with twist lock head mechanism system. MR16 base mount and connection cable included.
Ø67mm cutout hole. Size Ø67mmx100mm.

Code
M16CAN

MR16 LAMPS HEAT CAN

ALUMINIUM HEAT CAN

Heat can to suit MR16 12V lamp.
Available in two sizes.

Size	Code
Ø70x100mm	RDL1600CAN
Ø92x100mm	RDL1601CAN
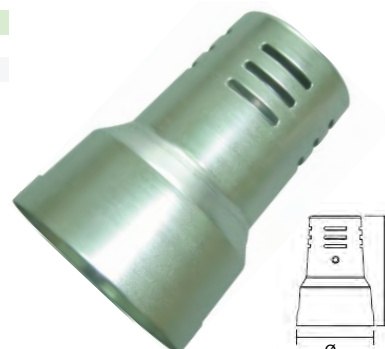
Ø

GU10 RECESSED DOWNLIGHTS CASING

FIXED HEAD

Die cast aluminium, Fixed head, twist lock. Suits to GU10 lamps max 50W. GU10 Lamp holder cable included.
Cut out hole Ø72mm. Size Ø81x50mm.

Colour	Code
White	RDL1700WH
Satin Chrome	RDL1700SC

Lamps Not Included

Ø81mm

50mm
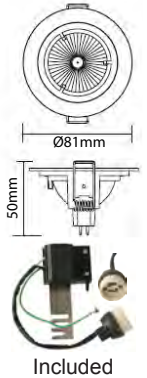
Included

GU10 RECESSED DOWNLIGHTS GIMBLE CASING

GIMBLE 45°

Die case aluminium casing, Twist lock. Suits to GU10 lamps max 50W. GU10 Lamp holder cable included.
Cut out hole Ø92mm. Size Ø103x49mm

Colour	Code
White	RDL1701WH
Satin Chrome	RDL1701SC

Lamps Not Included

Ø103mm
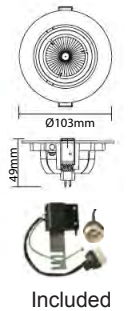
49mm

Included

GU10 SQUARE RECESSED DOWNLIGHT CASING

ROUND GIMBLE

Die cast aluminium casing with 45°round gimble. Twist lock. Suits to GU10 lamps max 50W. GU10 Lamp holder cable included.
Cut out hole Ø92mm. Size 103x103x49mm

Colour	Code
White	RDL1702WH
Satin Chrome	RDL1702SC

Lamps Not Included

103mm

103mm

49mm
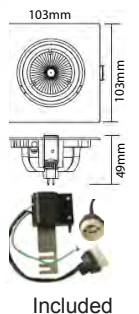
Included

GU10 LAMP HOLDER

GU10 CABLE AND BRACKET

Code
RDL9000

Note:- Not suitable
for RDL1600CAN &
RDL1601CAN Heat cans.
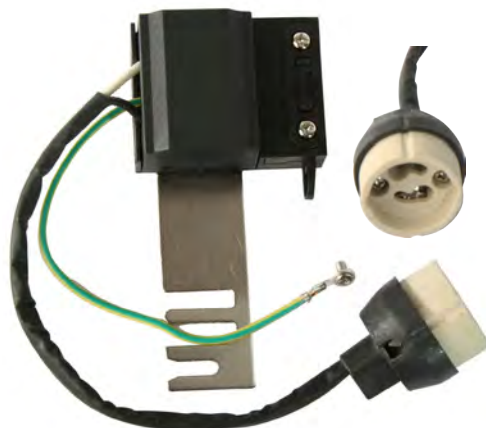
ROUND PREMIUM ALUMINIUM RECESSED DOWNLIGHT

ROUND GIMBLE

Natural anodised finish. Corrosion resistant premium grade aluminium. 30° centre tilt and 350° rotatable. Durable retention springs. Suitable for the MR16 and GU10 lamps. MR16 Lamp holder cable included. Size Ø90x54mm. Cut out hole Ø82mm.

Code
RDL1606

included

Lamp not included

Ø90mm
54mm
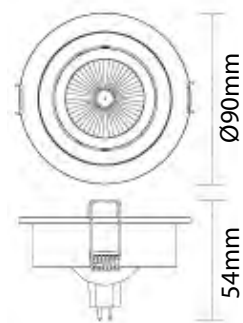
SQUARE PREMIUM ALUMINIUM RECESSED DOWNLIGHT

SQUARE GIMBLE

Natural anodised finish. Corrosion resistant premium grade aluminium. 30° centre tilt and 350° rotatable. Durable retention springs. Suitable for the MR16 and GU10 lamps. MR16 Lamp holder cable included. Size 90x90mm. Cut out hole Ø82mm.

Code
RDL1607

included

Lamp Not Included

90mm
54mm
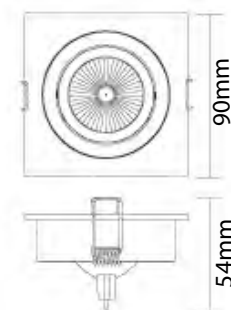
316L STAINLESS STEEL FITTING FIXED

FIXED HEAD

Machined 316L grade stainless steel. Corrosion resistant. Fixed head including stainless steel retention springs. Suitable for MR16 12V lamps. MR16 Lamp holder cable included. Size Ø88x51mm. Cut out hole Ø72mm.

Code
RDL1604

Included

Lamp Not Included

Ø80mm
51mm
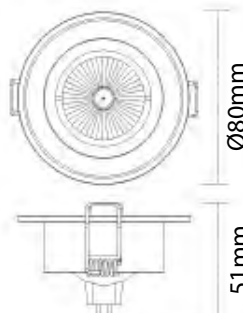
316L STAINLESS STEEL FITTING TILT

30° CENTRE TILT

Machined 316L grade stainless steel. Corrosion resistant. 30° centre tilt and 350° rotatable including stainless steel retention springs. Suitable for MR16 12V lamps. MR16 Lamp holder cable included. Size Ø90x54mm. Cut out hole Ø81mm.

Code
RDL1605

Included

Lamp Not Included

Ø90mm
54mm
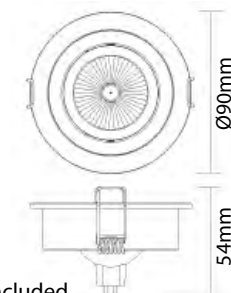
SINGLE RECESSED DOWNLIGHT

Pressed steel casing with twist lock. 30° internal centre tilt. Suitable for MR16 or GU10 lamps.
One MR16 Lamp holder cable included. Cut out hole Ø86mm.

Colour	White	Silver
Size	92x92mm	92x92mm
Code	RDL1603WH-1	RDL1603SL-1

1x Included

Lamp Not Included

92mm 92mm

Front Back

TWIN RECESSED DOWNLIGHT

Pressed steel casing with 30° internal centre tilt for 2 individual heads. Suitable for MR16 lamps.
Two MR16 Lamp holder cable included. Cut out hole 145x72mm.

Colour	White	Silver
Size	165x90mm	165x90mm
Code	RDL1603WH-2	RDL1603SL-2

2x Included

Lamps Not Included

90mm 70mm
54mm
165mm
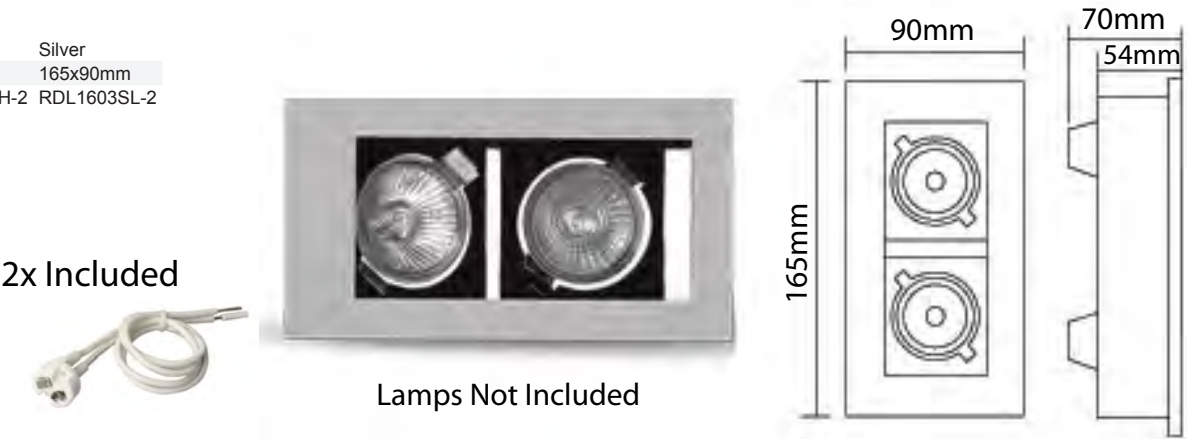
THREE RECESSED DOWNLIGHT

3 HEADS

Pressed steel casing with 30° internal centre tilt for 3 individual heads. Suitable for MR16.
Three MR16 Lamp holder cable included. Cut out hole 215x72mm.

Colour	White	Silver
Size	235x90mm	235x90mm
Code	RDL1603WH-3	RDL1603SL-3

Lamps Not Included

3x Included

90mm 70mm
54mm
235mm

MR16 LAMP HOLDER CABLE

PUSH IN TYPE

Low voltage MR16 lamp holder cable.
Available in three different lengths.

Length	Code
25cm	RDL9001-025
40cm	RDL9001-040
200cm	RDL9001-200

LED & HALOGEN LAMPS ELECTRONIC TRANSFORMER

LOW NOISE CLEAN VOLTAGE TYPE

240VAC mains switch mode supply module for LED/Halogen lamps. 11.5VA Output. Overload and short circuit protection with self resetting. Dimmable with leading edge or trailing edge dimmer. Over temperature cut off. Thermally stable and shatter-proof plastic casing. Compact design with screw terminal. No wiring supplied.

Watt	Input	Vout	Size	Code
0-70W	220 - 240V	11.5V	113x44x28mm	TP710

POWER CABLE
TWIN CORE

Length	Colour	Code
1.8M	Black	ACL130

HALOGEN LAMPS ELECTRONIC TRANSFORMER

240VAC mains switch mode supply module for Halogen lamps. 11.5VA Output. Overload and short circuit protection with self resetting. Dimmable with leading edge or trailing edge dimmer. Over temperature cut off. Thermally stable and shatter-proof plastic casing. Compact design with screw terminal. No wiring supplied.

Watt	Input	Vout	Size	Code
20 - 60W	230-240V AC	11.5V AC	109x42x24mm	TP713B
35 - 105W	230-240V AC	11.5V AC	124x48x28mm	TP713C

POWER CABLE
TWIN CORE

Length	Colour	Code
1.8M	Black	ACL130

12V QUARTZ HALOGEN KIT

LAMP, HOUSING & TRANSFORMER

Excellent installer solution with MR16 base 50W Halogen Globe. All metal heat-shield flush mount. 240Vac 50W Mains Switch Mode Supply Module. Supplied boxed.

Code
UR12FDK

FLUORESCENT TUBE LIGHT STARTER

As used in common Fluroscent lamp bases.

Watt	Code
20W	FLS20
40W	FLS40
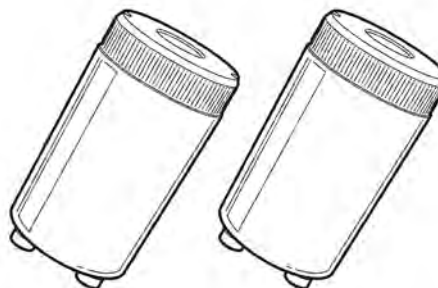
PHILIPS GU4 (MR11) HALOGEN LAMP

DICHROIC REFLECTOR

Accent light to create the perfect focus on the objects to be lit. Cool beam to minimize the effects of halogen light on sensitive objects. Dichroic reflector coating is heat-transmitting and light-reflecting. Best dimmability to meet different brightness requirements. Instant start to offer direct brightness from the moment it's switched on. No mercury to ensure safety. Excellent colour rendering (Ra = 100).

Watt	Volts	Beam Angle	Size	Code
20W	12V	30°	Ø35.3x40mm	MR11-20-PH
35W	12V	30°	Ø35.3x40mm	MR11-35-PH
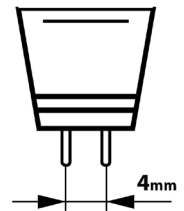
MR16 HALOGEN LAMP

DICHROIC REFLECTOR

Low-voltage halogen burner optically positioned in a glass reflector with front glass. Dichroic reflector coating is heat-transmitting and light-reflecting. Cool beam as a large part of the heat generated is transmitted backwards through the back glass. Excellent colour rendering (Ra = 100).

Features
UV-Block front glass
Excellent colour rendering
High-intensity beam with a clearly defined beam spread
Constant high quality and aesthetics maintained over lifetime
Reflector has a light-reflecting & light-transmitting hard dichroic coating

Watt	Volts	Size	Code
20W	12V	Ø50x40mm	MR16-20
50W	12V	Ø50x40mm	MR16-50

PHILIPS

Watt	Volts	Beam Angle	Size	Code
50W	12V	60°	Ø50x45mm	MR16-50PH

GU10 HALOGEN LAMP

ALUMINIUM REFLECTOR

Accent light to create the perfect focus on the objects to be lit. Aluminum reflector to direct most of the heat to the front, ideal for heat-sensitive ceilings and luminaires. Bright sparkling light to create ambient atmosphere. Instant start to offer direct brightness from the moment it's switched on. No mercury to ensure safety. Excellent colour rendering (Ra=100) to present the true colour of objects. It is ideal for professional end-users looking for accent light – without a transformer – to create contrast in shops, hotels and restaurants.

Features
Aluminium reflector
UV-Block front glass
Excellent colour rendering
High-intensity beam with a clearly defined beam spread
Constant high quality and aesthetics maintained over lifetime

Watt	Volts	Beam Angle	Size	Code
35W	240V	38°	Ø50x40mm	GU10-35
50W	240V	38°	Ø50x40mm	GU10-50

PHILIPS

Watt	Volts	Beam Angle	Size	Code
50W	240V	36°	Ø51x51mm	GU10-50PH
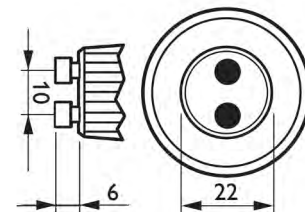
QUARTZ HALOGEN 12V BULB ONLY

G4 BASE (4mm)

Watt	Size	Code
10W	22x8mm	QHL10
20W	22x8mm	QHL20

G6.35 BASE (6.3mm)

Watt	Size	Code
20W	30x10mm	QHL21
50W	30x10mm	QHL50
100W	30x10mm	QHL101

22 X 8mm
30 x 10mm

QUARTZ HALOGEN 240V

78/118x12mm Replacement Globe

Watt	Length	Code
100W	78mm	QHL100
150W	78mm	QHL150
150W	118mm	QHL151
200W	118mm	QHL201
300W	118mm	QHL300
500W	118mm	QHL500
1000W	189mm	QHL1000

12V LOW VOLTAGE GU5.3 MR16 HIGH POWER LED LIGHT

NON DIMMABLE ENERGY SAVER & LONG LIFE

High power LED lamp offers an instant replacement in GU/GX 5.3 type fixtures. Most suitable for use in spotlight, down light, Ideal to be used as display lighting for paintings, photos or products. Prevents color change and damage on displayed goods. Other uses include entertainment lighting, architectural lighting, landscape lighting, art gallery, display cabinet lighting. Highly energy efficient.

Features
*Patent Product
*CE, RoHS compliant
*Low power consumption, energy saving
*Low heat, excellent heat sink design.
*Radiation free, no UV nor IR lights.
*Consistence and focused light beam.
*Aluminum extruded body, Shock and impact resistant.
*Easy installation, directly replace of Halogen MR16.

Specification
*Input voltage: AC/DC 12V
*Base: GU/GX 5.3
*Mechanical material: Aluminium + Plastic (PBT)
*Material of lens: PC
*Operation temperature: -20 ~ 40 °C.

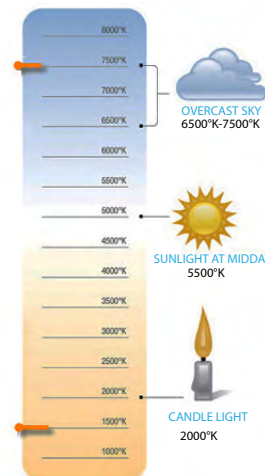| Watt	Chip Set	Flux (lm)	Colour	Colour Temp	Beam Angle	Code
4W	CREE XP-G	250	Warm White	2700K	30°	LED1600-4-30-WW
4W	CREE XP-G	250	Warm White	2700K	60°	LED1600-4-60-WW
4W	CREE XP-G	250	Warm White	2700K	125°	LED1600-4-125-WW
4W	CREE XP-G	280	Cool White	4500K	30°	LED1600-4-30-NW
4W	CREE XP-G	280	Cool White	4500K	60°	LED1600-4-60-NW
4W	CREE XP-G	280	Cool White	4500K	125°	LED1600-4-125-NW
4W	CREE XP-G	320	Daylight	6000K	30°	LED1600-4-30-CW
4W	CREE XP-G	320	Daylight	6000K	60°	LED1600-4-60-CW
4W	CREE XP-G	320	Daylight	6000K	125°	LED1600-4-125-CW
7W	CREE XM-L	490	Warm White	3000K	25°	LED1600-7-25-WW
7W	CREE XM-L	490	Warm White	3000K	45°	LED1600-7-45-WW
7W	CREE XM-L	490	Warm White	3000K	60°	LED1600-7-60-WW
7W	CREE XM-L	490	Warm White	3000K	125°	LED1600-7-125-WW
7W	CREE XM-L	590	Cool White	4500K	25°	LED1600-7-25-NW
7W	CREE XM-L	590	Cool White	4500K	45°	LED1600-7-45-NW
7W	CREE XM-L	590	Cool White	4500K	60°	LED1600-7-60-NW
7W	CREE XM-L	590	Cool White	4500K	125°	LED1600-7-125-NW
7W	CREE XM-L	690	Daylight	6000K	25°	LED1600-7-25-CW
7W	CREE XM-L	690	Daylight	6000K	45°	LED1600-7-45-CW
7W	CREE XM-L	690	Daylight	6000K	60°	LED1600-7-60-CW
7W	CREE XM-L	690	Daylight	6000K	125°	LED1600-7-125-CW
10W	CREE MC-E	560	Warm White	2700K	30°	LED1600-10-30-WW
10W	CREE MC-E	560	Warm White	2700K	60°	LED1600-10-60-WW
10W	CREE MC-E	560	Warm White	2700K	110°	LED1600-10-110-WW
10W	CREE MC-E	750	Cool White	4500K	30°	LED1600-10-30-NW
10W	CREE MC-E	750	Cool White	4500K	60°	LED1600-10-60-NW
10W	CREE MC-E	750	Cool White	4500K	110°	LED1600-10-110-NW
10W	CREE MC-E	750	Daylight	6000K	30°	LED1600-10-30-CW
10W	CREE MC-E	750	Daylight	6000K	60°	LED1600-10-60-CW
10W	CREE MC-E	750	Daylight	6000K	110°	LED1600-10-110-CW
10W	CREE MT-G	720	Warm White	3000K	45°	LED1601-10-45-WW
10W	CREE MT-G	720	Warm White	3000K	70°	LED1601-10-70-WW
10W	CREE MT-G	720	Warm White	3000K	120°	LED1601-10-120-WW
10W	CREE MT-G	840	Cool White	5000K	45°	LED1601-10-45-CW
10W	CREE MT-G	840	Cool White	5000K	70°	LED1601-10-70-CW
10W	CREE MT-G	840	Cool White	5000K	120°	LED1601-10-120-CW

OVERCAST SKY 6500°K-7500°K

SUNLIGHT AT MIDDAY 5500°K

CANDLE LIGHT 2000°K

LED LIGHTING GUIDE

Colour depends on your personal taste and the area that will be illuminated. Colour is often represented by temperature in Kelvin. A low temperature of 2100 K indicates warm colours like yellow, while high temperature of 5100 K indicates cold colours like blue. Most people prefer warm colours for indoor and cold colors for outdoors.

BEAM ANGLE

To focus light on small areas, an LED bulb with narrow beam angle of 15 to 30 degrees is suitable. To lighten up wide areas with subtle lighting, then choose an LED bulb with a wide beam angle of greater than 45 degrees as it spreads the light over a larger area.

Ø 50mm

37mm

8mm

Light Source

Beam Angle

GU10 HIGH POWER LED LIGHT

HIGHLY ENERGY EFFICIENT

High power LED lamp offers an instant replacement in GU10 type fixtures, Most suitable for use in spotlight, down light, Ideal to be used as display lighting for paintings, photos or products. Prevents color change and damage on displayed goods. Other uses include entertainment lighting, architectural lighting, landscape lighting, art gallery, display cabinet lighting. Highly energy efficient.

Features
* Patent Product
*RoHS compliant
* Low power consumption, energy saving
*Low heat, excellent heat sink design.
* Radiation free, no UV nor IR lights.
* Consistence and focused light beam.
* Aluminium extruded body, Shock and impact resistant.
* Easy installation, compatible with GU10 socket.

Specifications
*Input voltage: AC 85~265V switching power
*Base: GU10
*Mechanical material: Aluminium + Plastic (PBT)
*Material of lens: PC
*Operation temperature: -20 ~ 40 °C
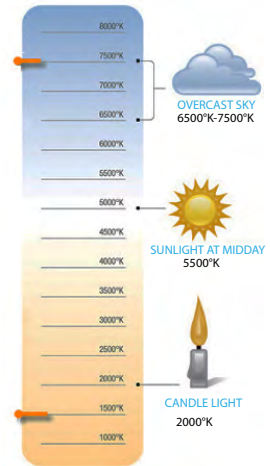
NON DIMMABLE

Watt	Chip Set	Flux (lm)	Colour	Colour Temp	Beam Angle	Code
5W	CREE XLamp XP-G	250	Warm White	2700K	30°	LED1602-5-30-WW
5W	CREE XLamp XP-G	250	Warm White	2700K	60°	LED1602-5-60-WW
5W	CREE XLamp XP-G	250	Warm White	2700K	125°	LED1602-5-125-WW
5W	CREE XLamp XP-G	280	Cool White	4500K	30°	LED1602-5-30-NW
5W	CREE XLamp XP-G	280	Cool White	4500K	60°	LED1602-5-60-NW
5W	CREE XLamp XP-G	280	Cool White	4500K	125°	LED1602-5-125-NW
5W	CREE XLamp XP-G	320	Daylight	6000K	30°	LED1602-5-30-CW
5W	CREE XLamp XP-G	320	Daylight	6000K	60°	LED1602-5-60-CW
5W	CREE XLamp XP-G	320	Daylight	6000K	125°	LED1602-5-125-CW
10W	CREE XLamp MC-E	560	Warm White	2700K	30°	LED1602-10-30-WW
10W	CREE XLamp MC-E	560	Warm White	2700K	60°	LED1602-10-60-WW
10W	CREE XLamp MC-E	560	Warm White	2700K	110°	LED1602-10-110-WW
10W	CREE XLamp MC-E	750	Cool White	4500K	30°	LED1602-10-30-NW
10W	CREE XLamp MC-E	750	Cool White	4500K	60°	LED1602-10-60-NW
10W	CREE XLamp MC-E	750	Cool White	4500K	110°	LED1602-10-110-NW
10W	CREE XLamp MC-E	750	Daylight	6000K	30°	LED1602-10-30-CW
10W	CREE XLamp MC-E	750	Daylight	6000K	60°	LED1602-10-60-CW
10W	CREE XLamp MC-E	750	Daylight	6000K	110	LED1602-10-110-CW

DIMMABLE

Watt	Chip Set	Flux (lm)	Colour	Colour Temp	Beam Angle	Code
10W	CREE MTG	720	Warm White	2700K	45°	LED1606-10-45-WW
10W	CREE MTG	720	Warm White	2700K	70°	LED1606-10-70-WW
10W	CREE MTG	720	Warm White	2700K	120°	LED1606-10-120-WW
10W	CREE MTG	840	Cool White	5000K	45°	LED1606-10-45-CW
10W	CREE MTG	840	Cool White	5000K	70°	LED1606-10-70-CW
10W	CREE MTG	840	Cool White	5000K	120°	LED1606-10-120-CW

OVERCAST SKY
6500°K-7500°K

SUNLIGHT AT MIDDAY
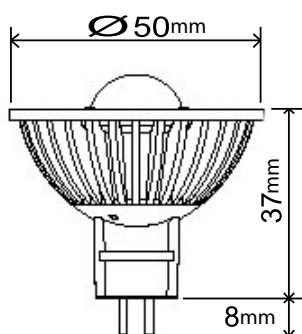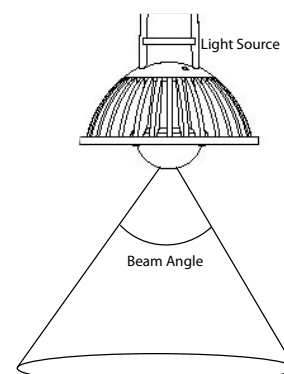5500°K

CANDLE LIGHT
2000°K

LED LIGHTING GUIDE

Colour depends on your personal taste and the area that will be illuminated. Colour is often represented by temperature in Kelvin. A low temperature of 2100 K indicates warm colours like yellow, while high temperature of 5100 K indicates cold colours like blue. Most people prefer warm colours for indoor and cold colors for outdoors.

BEAM ANGLE

To focus light on small areas, an LED bulb with narrow beam angle of 15 to 30 degrees is suitable. To lighten up wide areas with subtle lighting, then choose an LED bulb with a wide beam angle of greater than 45 degrees as it spreads the light over a larger area.

Ø 50mm

52mm

6mm

Light Source

Beam Angle

PHILIPS MR16 LED LAMP

ULTRA LONG LIFE

Delivering a halogen/incandescent-like accent beam, MASTER LED lamp is an ideal retrofit solution for spot and general lighting applications in the hospitality industry. It is particularly suited to public areas such as receptions, lobbies, corridors, stairwells and washrooms, where the light is on all the time. The robustly designed MASTER LED has a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.).

Features
Retrofit
Clearly defined beam spread
Longer lifetime - lower maintenance cost
Free of mercury and hazardous materials
UV- and IR-free light for less heat and
protection for heat sensitive objects

NON DIMMABLE

Watt	Colour	Colour Temp	Beam Angle	Code
10W	Warm White	2700°k	36°	LED1603-10-36-WW

DIMMABLE

Watt	Colour	Colour Temp	Beam Angle	Code
7W	Warm White	2700°k	36°	LED1604-7-36-WW
10W	Warm White	2700°k	36°	LED1604-10-36-WW
10W	Cool White	4000°k	36°	LED1604-10-36-CW

12V MR16 LED SPOTLIGHT

ULTRA LONG LIFE POWER SAVER

Energy-saving and environment-friendly. LED with MR16 base. 45° beam angle. Aluminium alloy housing design for good heat dissipation. Replacement for the halogen bulbs. 12V AC/DC input voltage.

Watt	LUX	Colour	Colour Temp	Size	Code
3W	300	Warm White	3000K	Ø50x50mm	LED3130
3W	330	Daylight	6000K	Ø50x50mm	LED3170
5W	500	Warm White	3000K	Ø50x50mm	LED3530
5W	550	Daylight	6000K	Ø50x50mm	LED3570
6W	660	Warm White	3000K	Ø50x80mm	LED3230
6W	720	Daylight	6000K	Ø50x70mm	LED3270
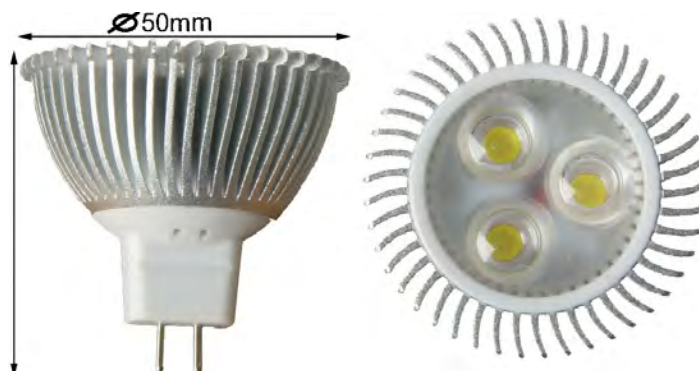
GU10 LED SPOTLIGHT

ULTRA LONG LIFE POWER SAVER

Energy-saving and environment-friendly. LED with GU10 base. 45° beam angle. Aluminium alloy housing design for good heat dissipation. Replacement for the halogen bulbs. 85 - 250V AC input voltage. Size Ø50x53mm.

Watt	LUX	Colour	Colour Temp	Beam Angle	Code
3W	300	Warm White	3000K	45°	LED10330
3W	300	Daylight	6000K	45°	LED10370
5W	500	Warm White	3000K	45°	LED10530
5W	600	Daylight	6000K	45°	LED10570

PHILIPS GU10 LED LAMP

RETROFIT SOLUTION

Delivering a halogen/incandescent-like accent beam, MASTER LED lamp is an ideal retrofit solution for spot and general lighting applications in the hospitality industry. It is particularly suited to public areas such as receptions, lobbies, corridors, stairwells and wash rooms, where the light is on all the time. MASTER LED delivers huge energy savings and minimizes maintenance cost without any compromise on brightness, enabling hospitality owners to achieve a fast return on their investment. These LED lamps are compatible with most fixtures and designed as a retrofit replacement alternative for halogen lamps or incandescent lamps.

Features

Functional lighting
Energy saving
Longer lifetime compared with incandescent or halogen lamps
Retrofit and compatible with existing fixtures with GU10 holder for easy installation
Free of mercury and hazardous materials

Watt	Colour	Colour Temp	Beam Angle	Type	Code
7W	Warm White	2700°k	40°	Dimmable	LED1605-7-40-WW
7W	Cool White	4200°k	40°	Dimmable	LED1605-7-40-CW
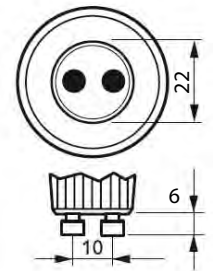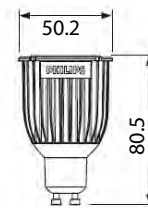
GU10 SPIRAL FLUORESCENT LAMP

ULTRA LONG LIFE

T2 spiral energy saving fluorescent tube with reflector. 240V 50Hz input. Closed face not suitable for dimming. Size Ø50x83mm.

Watt	Colour Temp	Colour	Lumens	Code
13W	2700K	Warm White	420	GU10-13W-WW
13W	4000K	Cool White	420	GU10-13W-CW

70W OUTDOOR LED SPOT LIGHT

IP65 RATED

Excellent light transmittance, dust proof and waterproof construction, uniform light distribution, energy saving and environmental protection. The lamp body is made up of high heat conductive aluminum alloy with anodized surface for corrosion resistance and long life. Hard wired connections. Comes with 150mm cable (No Plug) and mounting accessories. Perfect for for the outdoor.

Watt	70W
Colour	Daylight
Colour Temp	6400K
Lumens	7162
CIR	Ra>83
Input	90V~264V AC
Size	314x215x108mm
Code	LED1800-70W-64

→ Power Transformers

6V 250mA AC POWER TRANSFORMER

Volts	Current	Code
6 VOLTS	250mA	PT6-250

240V → 6V / 0V
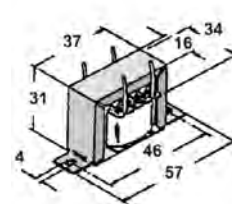
12V 300mA AC POWER TRANSFORMER

Volts	Current	Code
6V-0V-6V	300mA	PT12-300

240V → 6V / 0V / 6V
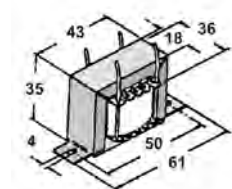
12V 500mA AC POWER TRANSFORMER

Volts	Current	Code
6V-0V-6V	500mA	PT12-500

240V → 6V / 0V / 6V
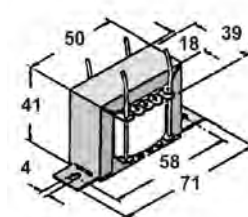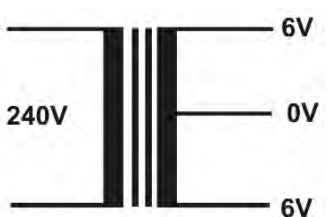
15W AC POWER TRANSFORMER

MULTI-TAP VOLTAGE
6.3/7.5/8.5/9.5/12.6/15V

Volts	Current	Code
6.3V-7.5V-8.5V-9.5V-12.5V-15V	1 AMP	PT2155

240V → 15V / 12.5V / 9.5V / 8.5V / 7.5V / 6.3V / 0V
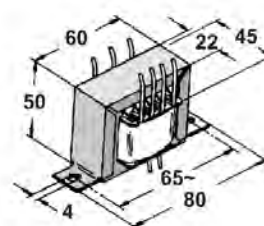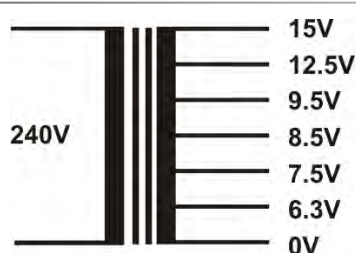
30W AC POWER TRANSFORMER

MULTI-TAP VOLTAGE
6/9/12/15

Volts	Current	Code
6V-9V-12V-15V	2 AMP	PT2156

240V → 15V / 12V / 9V / 6V / 0V
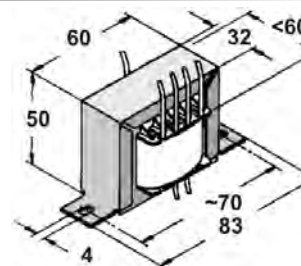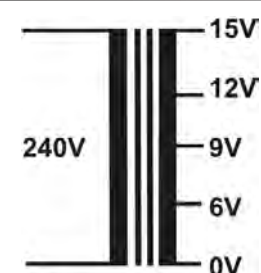
30W AC POWER TRANSFORMER

MULTI-TAP VOLTAGE
O/15/17.5/20/24/27.5/30

Volts	Current	Code
0V-15V-17.5V-20V-24V-27.5V-30V	1 AMP	PT6672

240V → 30V / 27.5V / 24V / 20V / 17.5V / 15V / 0V
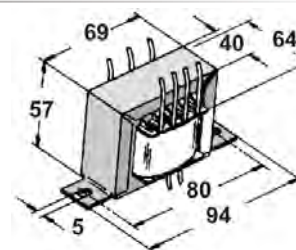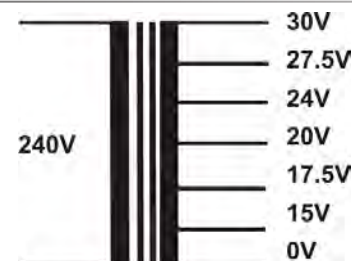
50W AC POWER TRANSFORMER

MULTI-TAP VOLTAGE
12/15/18V

Volts	Current	Code
12V-15V-18V	2.5A	PT1825

240V → 18V / 15V / 12V / 0V
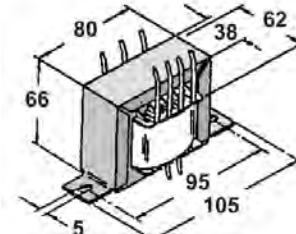
4W AC MULTI-TAP TRANSFORMER UNIVERSAL

300mA 12Vac Taps
3/4.5/6/7.5/9/12 Volts or
6/9/12 Volt Centre Tapped
43x36x34mm 4 Watt transformer

Current	Code
300mA	PT1312
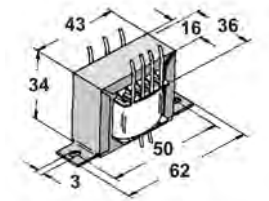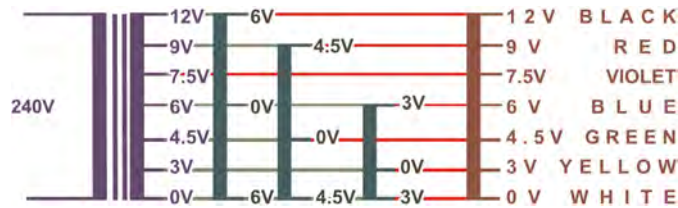
6W AC MULTI-TAP TRANSFORMER UNIVERSAL

500mA 12Vac Taps
3/4.5/6/7.5/9/12 Volts or
6/9/12 Volt Centre Tapped
50x42x42mm 6 Watt transformer

Current	Code
500mA	PT1512
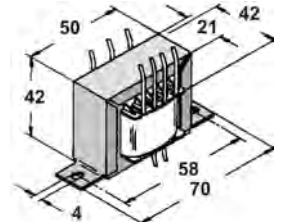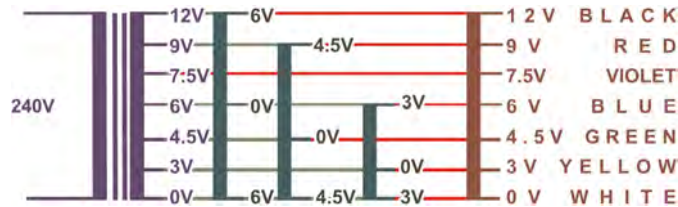
TOROIDAL POWER TRANSFORMERS

COMPACT EFFICIENT LOW-NOISE 20W - 160W - 300W
Now accepted as the standard in the industry
and now WES can supply with pricing to suit.
Connect secondary in series or parallel.

Volts	Series	Parallel	Size	Code
9+9	1.11A	2.22A	30x71mmØ	TOR-2082
12+12	0.83A	1.66A	30x71mmØ	TOR-2084
15+15	0.67A	1.33A	30x71mmØ	TOR-2086
12+12	6.66A	13.3A	40x110mmØ	TOR-2112
18+18	4.44A	8.88A	40x110mmØ	TOR-2113
25+25	3.20A	6.40A	40x110mmØ	TOR-2114
12+12	12.5A	25.0A	55x125mmØ	TOR-2130
18+18	8.33A	16.6A	55x125mmØ	TOR-2132
40+40	3.75A	7.50A	55x125mmØ	TOR-2140
50+50	3.00A	6.00A	55x125mmØ	TOR-2144
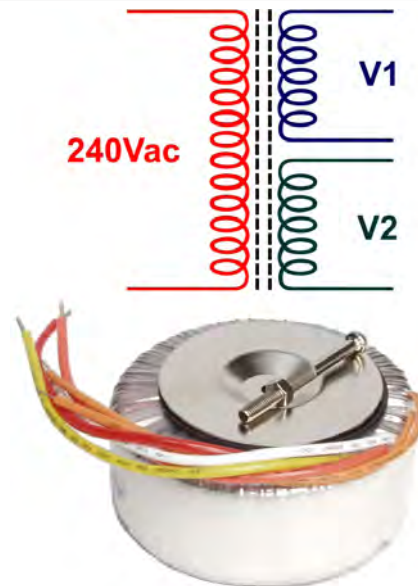
240Vac To 240Vac ISOLATION TRANSFORMER

SEE TOOL SECTION 14 TOOLS & TEST EQUIPMENT
This item is a technicians
Repair/Service Instrument
Protects you from direct
contact with the mains. See
Section 14 TOOLS & TEST
EQUIPMENT   for details

Type	Code
1A	TDB240-240
2A	TDB240-500

240Vac VARIAC - VARIABLE AC TRANSFORMER

SEE TOOL SECTION 14 TOOLS & TEST EQUIPMENT

Technicians only.

Technicians Repair/Service Instrument
240Vac(In) → 0Vac/260Vac(Out) Mechanically
adjustable by a Auto-Transformer (No isolation)

Type	Code
2A	MP3080

HARD-WIRED VERSION Professional.
Excellence in long-term reliability
Primarily for use with workbenchs

Type	Code
2A	VRC2
4A	VRC4
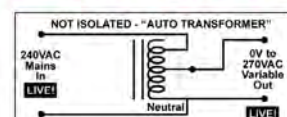
➔ Power Supply Quick Guide
DC VOLTAGE POWER-PACKS QUICK REFERENCE GUIDE

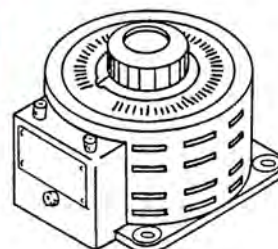| Voltage	Current	Size	Plug	Type	Code
3Vdc	300mA	EIAJ-01	Pos.Tip	Linear	DCA300-3PM
3Vdc	1000mA	2.1mm	Pos.Tip	Switch Mode	SMP1000-3-21P
3Vdc	1000mA	EIAJ-01	Pos.Tip	Switch Mode	SMP1000-3-0.7P
3.3Vdc	3000mA	2.1mm	"R"	Switch Mode	SMP3.3V-3A-21R
5Vdc	1000mA	2.1mm	Pos.Tip	Switch Mode	SMP1000-5P
5Vdc	1000mA	2.1mm	Neg.Tip	Switch Mode	SMP1000-5N
5Vdc	1000mA	2.1mm	"R"	Switch Mode	SMP1000-5R
5Vdc	1500mA	EIAJ-01	Pos.Tip	Switch Mode	SMP1500-5-17P
5Vdc	1500mA	2.1mm	Pos.Tip	Switch Mode	SMP1500-5-21P
5Vdc	2000mA	2.1mm	"R"	Switch Mode	SMP2000-5R
5Vdc	2000mA	2.5mm	Pos.Tip	Switch Mode	SMP2000-5-25P
5Vdc	3000mA	2.1mm	"R"	Switch-Mode	SMP5V-3A-21R
5Vdc	5000mA	2.1mm	"R"	Switch Mode	SMP5000-5-21R
6Vdc	300mA	2.1mm	"R"	Linear	DCA300-6RM
6Vdc	300mA	2.1mm	Pos.Tip	Linear	DCA300-6PM
6Vdc	300mA	2.1mm	Neg.Tip	Linear	DCA300-6NM
6Vdc	500mA	2.1mm	"R"	Linear	DCA500-6RM
6Vdc	500mA	2.1mm	Pos.Tip	Linear	DCA500-6PM
6Vdc	500mA	2.1mm	Neg.Tip	Linear	DCA500-6NM
6Vdc	800mA	2.1mm	Pos.Tip	Switch Mode	SMP800-6P
6Vdc	800mA	2.1mm	Neg.Tip	Switch Mode	SMP800-6N
6Vdc	800mA	2.1mm	"R"	Switch Mode	SMP800-6R
6Vdc	1000mA	2.1mm	"R"	Switch Mode	SMP1000-6R
6Vdc	2000mA	2.1mm	"R"	Switch Mode	SMP2000-6R
6Vdc	2500mA	2.1mm	"R"	Switch-Mode	SMP6V-2.5A-21R
7.5Vdc	600mA	2.1mm	Pos.Tip	Switch Mode	SMP600-7.5P
7.5Vdc	600mA	2.1mm	Neg.Tip	Switch Mode	SMP600-7.5N
7.5Vdc	600mA	2.1mm	"R"	Switch Mode	SMP600-7.5R
7.5Vdc	800mA	2.1mm	"R"	Switch Mode	SMP800-7.5R
7.5Vdc	2000mA	2.1mm	"R"	Switch Mode	SMP2000-7.5R
7.5Vdc	3000mA	2.1mm	Pos.Tip	Switch Mode	SMP7.5V-3A-21R
9Vdc	300mA	2.1mm	"R"	Linear	DCA300-9RM
9Vdc	300mA	2.1mm	Pos.Tip	Linear	DCA300-9PM
9Vcd	300mA	2.1mm	Neg.Tip	Linear	DCA300-9NM
9Vdc	500mA	2.1mm	"R"	Linear	DCA500-9RM
9Vdc	500mA	2.1mm	Pos.Tip	Linear	DCA500-9PM
9Vdc	500mA	2.1mm	Neg.Tip	Linear	DCA500-9NM
9Vdc	500mA	EIAJ-04	Pos.Tip	Linear	DCA9501PM
9Vdc	500mA	2.1mm	Pos.Tip	Switch Mode	SMP500-9P
9Vdc	500mA	2.1mm	Neg.Tip	Switch Mode	SMP500-9N
9Vdc	500mA	2.1mm	"R"	Switch Mode	SMP500-9R
9Vdc	600mA	2.1mm	"R"	Switch Mode	SMP600-9R
9Vdc	1200mA	2.1mm	Reversible	Linear	DCA913
9Vdc	1200mA	2.1mm	Neg.Tip	Linear	DCA912
9Vdc	1200mA	2.1mm	"R"	Switch Mode	SMP1200-9R
9Vdc	2000mA	2.1mm	"R"	Switch Mode	SMP2000-9R
9Vdc	3000mA	2.1mm	Pos.Tip	Switch Mode	SMP9V-3A-21R
12Vdc	100mA	2.1mm	Pos.Tip	Linear	DCA100-12PM
12Vdc	200mA	2.1mm	Pos.Tip	Linear	DCA200-12PM
12Vdc	300mA	2.1mm	"R"	Linear	DCA300-12RM
12Vdc	300mA	2.1mm	Pos.Tip	Linear	DCA300-12PM
12Vdc	300mA	2.1mm	Neg.Tip	Linear	DCA300-12NM
12Vdc	400mA	2.1mm	Pos.Tip	Switch Mode	SMP400-12P
12Vdc	400mA	2.1mm	Neg.Tip	Switch Mode	SMP400-12N
12Vdc	400mA	2.1mm	"R"	Switch Mode	SMP400-12R
12Vdc	500mA	2.1mm	"R"	Linear	DCA500-12RM
12Vdc	500mA	2.1mm	Pos.Tip	Linear	DCA500-12PM
12Vdc	500mA	2.1mm	Neg.Tip	Linear	DCA500-12NM
12Vdc	500mA	1.0mm	Pos.Tip	Linear	DCA12501PM
12Vdc	500mA	EIAJ-04	Pos.Tip	Linear	DCA12502PM
12Vdc	500mA	2.1mm	"R"	Switch Mode	SMP500-12R
12Vdc	1000mA	2.1mm	"R"	Linear	DCA1000-12RM
12Vdc	1000mA	2.1mm	"R"	Switch Mode	SMP1000-12R
12Vdc	1000mA	2.1mm	Pos.Tip	Switch-Mode	SMP12V1A-21P
12Vdc	1500mA	2.1mm	Pos.Tip	Switch Mode	SMP1500-12-21P
12Vdc	1500mA	2.1mm	"R"	Switch Mode	SMP12V-1.5A-21R
12Vdc	1500mA	2.1mm	"R"	Switch Mode	SMP1500-12R
12Vdc	2000mA	2.1mm	"R"	Switch Mode	SMP2000-12R
12Vdc	2500mA	2.1mm	Pos.Tip	Switch Mode	SMP12V-2.5A-21R
12Vdc	3000mA	2.1mm	"R"	Switch Mode	SMP3000-12R
12Vdc	4000mA	2.1mm	"R"	Switch Mode	SMP4000-12R
12Vdc	4000mA	2.5mm	Pos.Tip	Switch Mode	SMP4000-12-25P

NOTE:

ACL104 or ACL106 MAY BE REQUIRED !
Some Transformers may require a power lead
(Not Supplied - Please Order separately)

NEED A UNIQUE PLUG TYPE?

"R"

Removable - Reversible
New "Locking" type plugs as used with
all our SMP Switch Mode Power Packs

QUICK REFERENCE GUIDE

**See Following Pages
For More Item Details**

→ Power Supply Quick Guide

DC VOLTAGE POWER-PACKS *Continued...*

Voltage	Current	Size	Plug	Type	Code
12Vdc	5000mA	2.1mm	Pos.Tip	Switch Mode	SMP12V5A-21P
12Vdc	5000mA	2.1mm	"R"	Switch Mode	SMP5000-12R
12Vdc	5000mA	2.5mm	Pos.Tip	Switch Mode	SMP5000-12-25P
12Vdc	7000mA	2.5mm	Pos.Tip	Switch Mode	SMP12V7A-25P
12Vdc	8000mA	2.5mm	Pos.Tip	Switch Mode	SMP12V8A-25P
12Vdc	12A	2.5mm	Pos.Tip	Switch Mode	SMP12V12A-25P
13.5Vdc	2000mA	2.1mm	"R"	Switch Mode	SMP13.5V-2A-21R
13.8Vdc	850mA	-	Car Lighter	Switch Mode	SMP860
13.8Vdc	5Arms	4mm	Posts	Linear	MP3096
13.8Vdc	10Arms	4mm	Posts	Switch Mode	SEC1212
13.8Vdc	10Arms	-	Screw	UPS	UPS12-10
14Vdc	2000mA	2.1mm	"R"	Switch Mode	SMP14V-2A-21R
18Vdc	1330mA	2.1mm	Pos.Tip	Switch Mode	SMP1330-18-21P
18Vdc	1600mA	2.1mm	"R"	Switch Mode	SMP18V-1.6A-21R
19Vdc	1500mA	2.1mm	"R"	Switch Mode	SMP19V-1.5A-21R
19Vdc	3160mA	2.1mm	"R"	Switch Mode	SMP3160-19R
19Vdc	3160mA	2.5mm	Pos.Tip	Switch Mode	SMP3160-19-25P
24Vdc	1000mA	2.1mm	Pos.Tip	Linear	DCA1000-24P
24Vdc	1200mA	2.1mm	Pos.Tip	Switch Mode	SMP24V-1.2A-21R
24Vdc	1500mA	2.1mm	"R"	Switch Mode	SMP1500-24R
24Vdc	2000mA	EIAJ-04	Pos.Tip	Switch Mode	SPD24V2A
24Vdc	2500mA	2.5mm	Pos.Tip	Switch Mode	SMP2500-24-25P
24Vdc	2500mA	2.1mm	"R"	Switch Mode	SMP2500-24R
24Vdc	6000mA	2.5mm	Pos.Tip	Switch Mode	SMP24V6A-25P

MULTI-VOLTAGE POWER-PACKS

Voltage (Switch select) **QUICK REFERENCE GUIDE**

Voltage	Current	Plug	Type	Code
3/4.5/5/6/9/12Vdc	500mA	Kit	Switch Mode.	SMP500A
3/4.5/5/6/9/12Vdc	1000mA	Kit [x6]	3/4.5/6/7.5/9/12Vdc	SMP1000A
3/4.5/5/6/7Vdc	2500mA	Kit	Switch Mode.	SMP2000A
3/5/6/9/12/14Vdc	2500mA	Kit	Switch Mode.	SMP30W
12/15/16/18/19/20/24Vdc	4A-3A	Kit	Switch Mode.	FEAC2004
14/15/16/18/19/20/21/22Vdc	6A-4A	Kit	Switch Mode.	SMP90W
15/16/18/19/20/22/24Vdc.	8A-6A	Kit	Switch Mode.	SMP150W
NEW! Intelligent Supply	90W	Kit	Switch Mode.	PAB90-BC10
12Vdc to 22Vdc	70W	Kit	Switch Mode.	LS-PAB70

AC TRANSFORMER POWER-PACKS

Voltage	Current	Size	Plug	Type	Code
9Vac	2000mA	2.1mm	Fixed	AC	ACA2000-9
10Vac	2400mA	2.5mm	Fixed	AC	ACA1024
12Vac	1000mA	2.1mm	Fixed	AC	ACA1210
16Vac	1500mA	3x	Wire	AC,3 Wire	ACA1615QE
16Vac	2500mA	2.5mm	Fixed	AC	ACA1625
24Vac	1000mA		Wire	AC	ACA2410A
24Vac	1000mA		Wire	AC	ACA2410

QUICK REFERENCE GUIDE

GAME CONSOLE POWER-PACKS

QUICK REFERENCE GUIDE

Special Product-Specific (OEM) Type Power-Packs are available:

Console	Current	Plug	Type	Code
GameBoy-Color	300mA	Pos.Tip	Linear	DCA300-3PM
GameBoy-SP	1000mA	GB	Switch Mode	DCA-GBASP
PSP	1000mA	EIAJ-02	Switch Mode	DCA-PSP
GBA-SP & DS	1000mA	GB	GBA-SP & DS	DCAGB100

www.gamemaster.com.au

iPOD iPAD iPHONE MP3 USB UNIVERSAL POWER-PACKS

USB powerpacks are becoming an increasing source for power.

Product	Current	Plug	Type	Code
iPod iPhone iPad White	1000mA	Docking	Cellink	CTC9002
iPod iPhone iPad White	1000mA	Docking	Bulk	BAC9002
iPod iPhone iPad Black	1000mA	Docking	Cellink	CTC9003
iPod iPhone iPad Black	1000mA	Docking	Bulk	BAC9003
USB Compact	1000mA	USB Female	Compact Type	ADM105
USB Male Plug	1000mA	USB Male	USB A Male	USB902
USB Female Plug	1000mA	USB Female	USB A Female	USB900
USB Female Plug	1000mA	USB Female	USB A Female	USB904
USB-Mini	1000mA	Mini-USB Male	USB-Mini Male	CTC1000
USB Micro	1000mA	Micro-USB Male	USB-Micro Male	CTC1001

Special Product-Specific (OEM) Type Power-Packs are available. See section 17.

→ Power Supply Linear

9 Vrms 2000mA AC

2.1mm Plug
ALTERNATING
VOLTAGE 2.0A

Code
ACA2000-9

10 Vrms 2400mA AC

2.5mm Plug
ALTERNATING
VOLTAGE 2.4A

Code
ACA1024
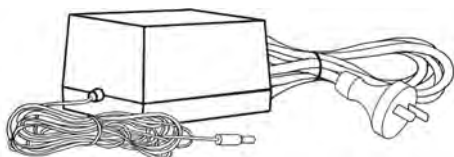
12 Vrms 1000mA AC

2.1mm Plug
ALTERNATING
VOLTAGE 1A

Code
ACA1210
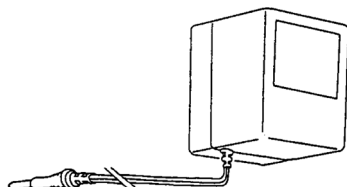
16 Vrms 1500mA AC

High Quality with very low
audible noise. Outputs
16 Volts AC. Three wires
including EARTH.

Type	Code
AC,3 Wire	ACA1615QE

Earth can be removed if not required.

16 Vrms 2500mA AC

2.5mm Plug
ALTERNATING
VOLTAGE 2.5A

Code
ACA1625
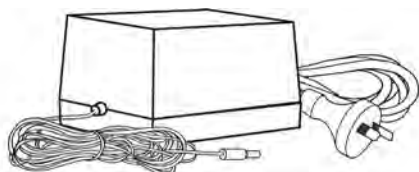
24 Vrms 1000mA AC

No Plug - Wire End
60x80x55mm

Code
ACA2410A

24 Vrms 1000mA AC

IN-LINE TYPE
No Plug - Wire End
60x45x90mm

Code
ACA2410

3 Volt 300mA DC

EIAJ-01 DC PLUG
0.7x2.35mm Plug
Attached plug with
Positive Tip

Code
DCA300-3PM

6 Volt 300mA DC

2.1mm "R" Reversible

Code
DCA300-6RM

2.1mm Positive Tip

Code
DCA300-6PM

2.1mm Negative Tip

Code
DCA300-6NM

6 Volt 500mA DC

2.1mm "R" Reversible

Code
DCA500-6RM

2.1mm Positive Tip

Code
DCA500-6PM

2.1mm Negative Tip

Code
DCA500-6NM

9 Volt 300mA DC

2.1mm "R" Reversible

Code
DCA300-9RM

2.1mm Positive Tip

Code
DCA300-9PM

2.1mm Negative Tip

Code
DCA300-9NM

9 Volt 500mA DC

2.1mm "R" Reversible

Code
DCA500-9RM

2.1mm Positive Tip

Code
DCA500-9PM

2.1mm Negative Tip

Code
DCA500-9NM

9 Volt 500mA DC

1.0mm DC PLUG
3.5x9.0mm Barrel
1.0mm Centre
Positive Tip.

Code
DCA9501PM

9 Volt 1200mA DC

2.1mm Negative Tip

Code
DCA912

2.1mm Reversible Tip

Code
DCA913
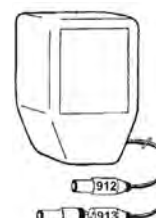
→ Power Supply Linear

12 Volt 100mA & 200mA DC

2.1mm Plug Positive Tip.

12V 100mA DC

Code
DCA100-12PM

12V 200mA DC

Code
DCA200-12PM
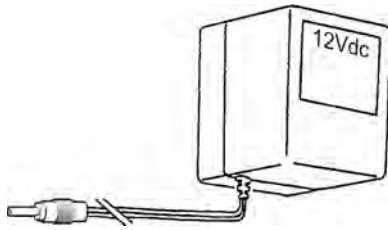
12 Volt 300mA DC

2.1mm "R" Reversible

Code
DCA300-12RM

2.1mm Positive Tip

Code
DCA300-12PM

2.1mm Negative Tip

Code
DCA300-12NM
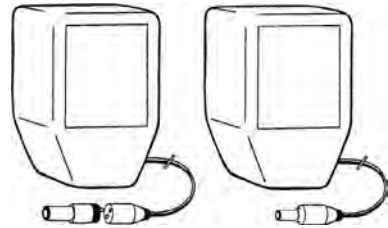
12 Volt 500mA DC

2.1mm "R" Reversible

Code
DCA500-12RM

2.1mm Positive Tip

Code
DCA500-12PM

2.1mm Negative Tip

Code
DCA500-12NM
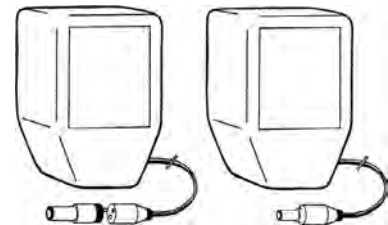
12 Volt 500mA DC

1.0mm Positive Tip
Miniature DC Plug

Code
DCA12501PM

EIAJ-04 3.4x5.5mm
1.0mm pin Positive Tip

Code
DCA12502PM
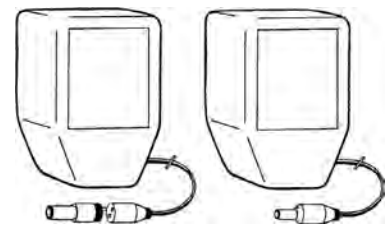
12 Volt 1000mA DC

High power Low noise "C" core transformer type.

Code
DCA1000-12RM

13.8 Volt 1000mA DC - ACCESSORIES SOCKET

ACCESSORIES SOCKET
Cigarette lighter socket
For Auto accessories

Code
SMP860

24 Volt 1000mA DC

2.1mm Plug Positive tip In-Line style "C" Core transformer High power 25Watt

Code
DCA1000-24P
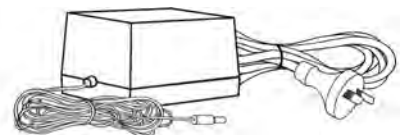
→ 12V Power Junction Boxes

12V/24V X16 OUTPUTS RACK

12V 10A RACK MOUNTABLE
Distribution board each output is fuse protected with indicator. Metal cabinet 515x260x128mm

Output	Code
12VDC 10A	RPU121016
24VAC 10A	RPU241016

12V X18 OUTPUTS

150W (18x 500mA)
Distribution board as used for powering CCTV cameras, etc. Each output is fuse protected with indicator. 240Vac to 12Vdc 12Amax. Metal cabinet 312x205x50mm.

Code
SMP12V18CH

150W 10Amax UPS
UPS Version with battery backup (Not Included). Input 240Vac. Output 12Vdc 10Amax. Metal cabinet 271x213x94mm.

Code
SMP12V18CH-UPS

BATTERY TO SUIT
12V 7Ah SLA 65x150x95mm

Code
PG7-12

→ Power Supply Benchtop

13.8V 5Arms DC

Rated at 5A Continuous and 7A peak (cycled). Full metal case with heat sink. Regulated, protected, earthed. 4mm Binding Posts.

Code
MP3096

13.8V 10Arms DC

SWITCH MODE - PROTECTED
10Arms & Short term 14A with intelligent protection Heavy gauge metal cabinet 4mm Binding posts at 180 x 60 x 190mm

Code
SEC1212

13.8V UPS BATTERY SUPPLY SYSTEM

UN-INTERRUPTED POWER SUPPLY
Use in conjunction with a 12V lead acid backup battery for unlimited power reserves. 10A Continuous, massive peak. See GSL page for info' ...

Code
UPS12-10

VARIABLE LAB SUPPLY

030Vdc 5000mA
Fixed 5Vdc and 12Vdc (Floats for negative) Plus Variable 30Vdc Current limiter Adj. Digital displays

Code
NP9615

→ Power Supply Switch-Mode

SWITCH-MODE POWER PACKS

**LOWER PRICE
HIGH POWER !
Universal: Many Popular
DC Voltages Available.
Reversible Plug System**

BLISTER PACKAGED RESALE HANGER

**Universal: Many Popular
"R" Plugs Available.
See Plug System Below.**

SWITCH-MODE POWER PACKS 30W

REVERSIBLE PLUG SYSTEM
Economical high power range Many popular voltages available Fully Auto Overload Protection Short circuit proof, etc. Very energy efficient High power 30 Watt output Compact 55x45x85mm pack Fully compliant N53, MEPS, etc. Travel pack 100-240Vac input Stable voltage regulated output regardless of the current drawn fine for low current applications Supplied blister packaged Reversible "R" plug system Supplied with 2.1mm Pos. Tip (More Tips Available Below)

NEW GENERATION SMD

Volts	Current	Code
3.3V*	3000mA	SMP3.3V-3A-21R
5V*	3000mA	SMP5V-3A-21R
6V*	2500mA	SMP6V-2.5A-21R
7.5V	3000mA	SMP7.5V-3A-21R
9.0V	3000mA	SMP9V-3A-21R
12V*	1500mA	SMP12V-1.5A-21R
12V	2500mA	SMP12V-2.5A-21R
13.5V	2000mA	SMP13.5V-2A-21R
14V	2000mA	SMP14V-2A-21R
15V	2000mA	SMP15V2A-21R
18V	1600mA	SMP18V-1.6A-21R
19V	1500mA	SMP19V-1.5A-21R
24V	1200mA	SMP24V-1.2A-21R

All are 30W except * are Compact 18W Version

daichi
SWITCHMODE
12VDC 1.5A - WITH 2.1MM REVERSIBLE TIP
PART NO: SMP12V-1.5A-21R

- OVERLOAD PROTECTION
- SHORT CIRCUIT PROOF
- ENERGY EFFICIENT
- SUPPLIED WITH 2.1MM REVERSIBLE CONNECTOR & PLUG
- MULTIPLE DC PLUG TYPES AVAILABLE (SEE BACK)

N53 MEPS COMPLIANT

REVERSIBLE PLUG SYSTEM "R"
COMPATIBLE WITH "SMP" RANGE

RIGHT-ANGLE DC

A	B	C	D	Code
2.1	5.5	9.5	-	FLR01
2.1	5.5	12.0	-	FLR02
2.5	5.5	9.5	-	FLR03
2.5	5.5	12.0	-	FLR04
1.3	3.5	12.0	-	FLR05
1.7	4.0	10.0	-	FLR06
1.7	4.7	10.0	-	FLR07
0.7	2.35	9.5	-	FLR08
1.0	3.2	9.0	-	FLR09
3.1	6.3	9.0	-	FLR10
1.5	5.5	12.0		FLR11

RIGHT-ANGLE W/ CENTRE PIN

A	B	C	D	Code
3.4	5.5	9.5	1.0	FLR12
4.4	6.5	9.5	1.4	FLR13

RIGHT-ANGLE PLUG

A	B	C	D	Code
2.5	2.3	12	-	MLR01
3.5	3.0	14	-	MLR02

REVERSIBLE PLUG SYSTEM "R"
COMPATIBLE WITH "SMP" RANGE

DC PLUG

A	B	C	D	Code
2.1	5.5	9.5	-	FSR01
2.1	5.5	12.0	-	FSR02
2.5	5.5	9.5	-	FSR03
2.5	5.5	12.0	-	FSR04
1.3	3.5	12.0	-	FSR05
1.7	4.0	10.0	-	FSR06
1.7	4.7	10.0	-	FSR07
0.7	2.35	9.5	-	FSR08
1.0	3.2	9.0	-	FSR09
3.1	6.3	9.0	-	FSR10
1.5	5.5	12.0	-	FSR11

CENTRE PIN

A	B	C	D	Code
3.4	5.5	9.5	1.0	FSR12
4.4	6.5	9.5	1.4	FSR13

2.5mm & 3.5mm PLUGS

A	B	C	D	Code
2.5	2.3	12	-	MSR01
3.5	3.0	14	-	MSR02

→ Power Supply Switch-Mode

3 VOLT 1A SWITCH-MODE

Voltage	3Vdc	
Current	1000mA	
Size	EIAJ-01	2.1mm
Plug	Pos.Tip	Pos.Tip
Code	SMP1000-3-0.7P	SMP1000-3-21P

3.3 VOLT 3A

Size	Plug	Code
2.1mm	"R"	SMP3.3V-3A-21R

5 VOLT 1A SWITCH-MODE

Voltage	5Vdc		
Current	1000mA		
Size	2.1mm	2.1mm	2.1mm
Plug	Pos.Tip	Neg.Tip	"R"
Code	SMP1000-5P	SMP1000-5N	SMP1000-5R

5 VOLT 1A SWITCH-MODE

Voltage	5Vdc	
Current	1000mA	
Size	Male	Female
Plug	USB Male	USB Female
Code	USB902	USB900

5 VOLT 1.5A SWITCH-MODE

Voltage	5Vdc	5Vdc
Current	1500mA	1500mA
Size	EIAJ-01	2.1mm
Plug	Pos.Tip	Pos.Tip
Code	SMP1500-5-17P	SMP1500-5-21P

82mm
30mm
57mm

5 VOLT 2A SWITCH-MODE

Voltage	5Vdc
Current	2000mA
Size	2.1mm
Plug	"R"
Code	SMP2000-5R

82mm
30mm
57mm

5 VOLT 2A SWITCH-MODE

Voltage	5Vdc
Current	2000mA
Size	2.5mm
Plug	Pos.Tip
Code	SMP2000-5-25P

Requires ACL104

67x48x27mm

Requires ACL104 AC Lead

5 VOLT 3A SWITCH-MODE

Voltage	5Vdc
Current	3000mA
Size	2.1mm
Plug	"R"
Code	SMP5V-3A-21R

BLISTER PACKED

5 VOLT 5A SWITCH-MODE

Voltage	5Vdc
Current	5000mA
Size	2.1mm
Plug	"R"
Code	SMP5000-5-21R

Requires ACL104

90x42x29mm

Requires ACL104 AC Lead

6 VOLT 800mA SWITCH-MODE

Voltage	6Vdc		
Current	800mA		
Size	2.1mm	2.1mm	2.1mm
Plug	Pos.Tip	Neg.Tip	"R"
Code	SMP800-6P	SMP800-6N	SMP800-6R

6 VOLT 1A SWITCH-MODE

Voltage	6Vdc
Current	1000mA
Size	2.1mm
Plug	"R"
Code	SMP1000-6R

62mm
40
36mm

6 VOLT 2A SWITCH-MODE

Voltage	6Vdc
Current	2000mA
Size	2.1mm
Plug	"R"
Code	SMP2000-6R

Requires ACL104

67x48x27mm

Requires ACL104 AC Lead

6 VOLT 2.5A SWITCH-MODE

PLUG 2.1mm DC "R" Reversible plug

Voltage	6Vdc
Current	2500mA
Size	2.1mm
Plug	"R"
Code	SMP6V-2.5A-21R

→ Power Supply Switch-Mode

7.5 VOLT 600mA SWITCH-MODE

Voltage	7.5Vdc		
Current	600mA		
Size	2.1mm	2.1mm	2.1mm
Plug	Pos.Tip	Neg.Tip	"R"
Code	SMP600-7.5P	SMP600-7.5N	SMP600-7.5R

7.5 VOLT 800mA SWITCH-MODE

Voltage	7.5Vdc
Current	800mA
Size	2.1mm
Plug	"R"
Code	SMP800-7.5R

62mm
40
36mm

7.5 VOLTS 3A SWITCH-MODE

Voltage	7.5Vdc
Current	3000mA
Size	2.1mm
Plug	Pos.Tip
Code	SMP7.5V-3A-21R

BLISTER PACKED

9 VOLT 500mA SWITCH-MODE

Voltage	9Vdc		
Current	500mA		
Size	2.1mm	2.1mm	2.1mm
Plug	Pos.Tip	Neg.Tip	"R"
Code	SMP500-9P	SMP500-9N	SMP500-9R

9 VOLT 600mA SWITCH-MODE

Voltage	9Vdc
Current	600mA
Size	2.1mm
Plug	"R"
Code	SMP600-9R

62mm
40
36mm

9 VOLT 1.2A SWITCH-MODE

Voltage	9Vdc
Current	1200mA
Size	2.1mm
Plug	"R"
Code	SMP1200-9R

82mm
30mm
57mm

9 VOLT 2A SWITCH-MODE

Voltage	9Vdc
Current	2000mA
Size	2.1mm
Plug	"R"
Code	SMP2000-9R

90x42x29mm

Requires   ACL104

Requires ACL104 AC Lead

9 VOLT 3A SWITCH-MODE

Voltage	9Vdc
Current	3000mA
Size	2.1mm
Plug	Pos.Tip
Code	SMP9V-3A-21R

daichi SWITCHMODE

BLISTER PACKED

12 VOLT 400mA SWITCH-MODE

Voltage	12Vdc		
Current	400mA		
Size	2.1mm	2.1mm	2.1mm
Plug	Pos.Tip	Neg.Tip	"R"
Code	SMP400-12P	SMP400-12N	SMP400-12R

12 VOLT 500mA SWITCH-MODE

Voltage	12Vdc
Current	500mA
Size	2.1mm
Plug	"R"
Code	SMP500-12R

62mm
40
36mm

12 VOLT 1A SWITCH-MODE

Voltage	12Vdc
Current	1000mA
Size	2.1mm
Plug	"R"
Code	SMP1000-12R

82mm
30mm
57mm

12 VOLT 1A SWITCH-MODE

Voltage	12Vdc
Current	1000mA
Size	2.1mm
Plug	Pos.Tip
Code	SMP12V1A-21P

→ **Power Supply Switch-Mode**

12 VOLT 1.5A SWITCH-MODE

Voltage	12Vdc
Current	1500mA
Size	2.1mm
Plug	"R"
Code	SMP12V-1.5A-21R

12 VOLT 1.5A SWITCH-MODE

Voltage	12Vdc	
Current	1500mA	
Size	2.1mm	2.1mm
Plug	"R"	Pos.Tip
Code	SMP1500-12R	SMP1500-12-21P

82mm
30mm
57mm

12 VOLT 2A SWITCH-MODE

Voltage	12Vdc
Current	2000mA
Size	2.1mm
Plug	"R"
Code	SMP2000-12R

90x42x29mm

Requires ACL104

Requires ACL104 AC Lead

12 VOLT 2.5A SWITCH-MODE

Voltage	12Vdc
Current	2500mA
Size	2.1mm
Plug	Pos.Tip
Code	SMP12V-2.5A-21R

BLISTER PACKED

12 VOLT 3A SWITCH-MODE

Voltage	12Vdc
Current	3000mA
Size	2.1mm
Plug	"R"
Code	SMP3000-12R

90x42x29mm

Requires ACL104

Requires ACL104 AC Lead

12 VOLT 4A SWITCH-MODE

Voltage	12Vdc	
Current	4000mA	
Size	2.1mm	2.5mm
Plug	"R"	Pos.Tip
Code	SMP4000-12R	SMP4000-12-25P

106x45x31mm

Requires ACL104

Requires ACL104 AC Lead

12 VOLT 5A SWITCH-MODE

Voltage	12Vdc
Current	5000mA
Size	2.5mm
Plug	Pos.Tip
Code	SMP5000-12-25P

106x45x31mm

Requires ACL104

Requires ACL104 AC Lead

12 VOLT 5A SWITCH-MODE

Voltage	12Vdc
Current	5000mA
Size	2.1mm
Plug	Pos.Tip
Code	SMP12V5A-21P

AC LEAD INCLUDED

115x50x30mm

12 VOLT 5A SWITCH-MODE

Voltage	12Vdc
Current	5000mA
Size	2.1mm
Plug	"R"
Code	SMP5000-12R

120x60x40mm

Required ACL106BK-2

Requires ACL106 AC Lead

12 VOLT 7A SWITCH-MODE

Voltage	12Vdc
Current	7000mA
Size	2.5mm
Plug	Pos.Tip
Code	SMP12V7A-25P

AC LEAD INCLUDED

170x60x40mm

12 VOLT 8A SWITCH-MODE

Voltage	12Vdc
Current	8000mA
Size	2.5mm
Plug	Pos.Tip
Code	SMP12V8A-25P

AC LEAD INCLUDED

170x60x40mm

12 VOLT 12A SWITCH-MODE

Voltage	12Vdc
Current	12A
Size	2.5mm
Plug	Pos.Tip
Code	SMP12V12A-25P

170x60x40mm

AC LEAD INCLUDED

→ Power Supply Switch-Mode

13.5 VOLT 2A SWITCH-MODE

Voltage	13.5Vdc
Current	2000mA
Size	2.1mm
Plug	"R"
Code	SMP13.5V-2A-21R

14 VOLT 400mA SWITCH-MODE

Voltage	14Vdc
Current	400mA
Size	61x40x37 mm
Plug	"R"
Code	SMP400-14R

62mm
40
36mm

14 VOLT 2A SWITCH-MODE

Voltage	14Vdc
Current	2000mA
Size	2.1mm
Plug	"R"
Code	SMP14V-2A-21R

15 VOLT 2A SWITCH-MODE

Voltage	15Vdc
Current	2000mA
Size	80x50x41 mm
Plug	"R"
Code	SMP15V2A-21R

18 VOLT 1.3A SWITCH-MODE

Voltage	18Vdc
Current	1330mA
Size	2.1mm
Plug	Pos.Tip
Code	SMP1330-18-21P

90x42x29mm

Requires   ACL104

18 VOLT 1.6A SWITCH-MODE

Voltage	18Vdc
Current	1600mA
Size	2.1mm
Plug	"R"
Code	SMP18V-1.6A-21R

19 VOLT 1.5A SWITCH-MODE

Voltage	19Vdc
Current	1500mA
Size	2.1mm
Plug	"R"
Code	SMP19V-1.5A-21R

19 VOLT 3.16A SWITCH-MODE

Voltage	19Vdc
Current	3160mA
Size	2.1mm
Plug	"R"
Code	SMP3160-19R

106x45x31mm

Requires   ACL104

Requires ACL104 AC Lead

19 VOLT 3.16A SWITCH-MODE

Voltage	19Vdc
Current	3160mA
Size	2.5mm
Code	SMP3160-19-25P

106x45x31mm

Requires   ACL104

Requires ACL104 AC Lead

24 VOLT 1.2A SWITCH-MODE

Voltage	24Vdc
Current	1200mA
Size	2.1mm
Plug	Pos.Tip
Code	SMP24V-1.2A-21R

24 VOLT 1.5A SWITCH-MODE

PLUG 2.1mm DC "R" Removeable plug

Voltage	24Vdc
Current	1500mA
Size	2.1mm
Plug	"R"
Code	SMP1500-24R

106x45x31mm

Requires   ACL104

Requires ACL104 AC Lead

24 VOLT 2A SWITCH-MODE

Voltage	24Vdc
Current	2000mA
Size	2.1mm
Plug	Pos. Tip
Code	SMP24V2A-21P

119x60x37mm

Required   ACL106BK-2

Requires ACL106B AC Lead

Phone: 02-9798-9233   Fax: 02-9798-0017   Email: sales@wagner.net.au   Web: www.wagner.net.au

→ Power Supply Switch-Mode

24 VOLT 2.5A SWITCH-MODE

Voltage	24Vdc	
Current	2500mA	
Size	2.1mm	2.5mm
Plug	"R"	Pos.Tip
Code	SMP2500-24R	SMP2500-24-25P

106x45x31mm

Requires ACL104

Requires ACL104 AC Lead

24 VOLT 6A SWITCH-MODE

Voltage	24Vdc
Current	6000mA
Size	2.5mm
Plug	Pos.Tip
Code	SMP24V6A-25P

170x60x40mm

AC LEAD INCLUDED

POWER LEAD TO SUIT

PLEASE BEWARE:
MOST BOX STYLE UNITS MAY REQUIRE A
FIGURE-8 POWER LEAD AS INDICATED

1.8M AC Power Lead

Code
ACL104

IEC POWER LEAD

1.8M AC Power Lead

Required ACL106BK-2

→ Power Supply Multi-Voltage

6W MULTI-VOLTAGE 500mA (3-12Vdc)

Voltage	3/4.5/5/6/9/12Vdc
Current	500mA
Plug	Kit
Code	SMP500A

12W MULTI-VOLTAGE

1000mA 3-13Vdc

Travel pack 100-250Vac
Includes 6x "R" Plug kit
Lower V = Higher current
3V 4.5V 5V 6V 9V 12V ~1A Min.
(12W Max.)

Code
SMP1000A

12W MULTI-VOLTAGE

2000mA 3-7Vdc

Travel pack 100-250Vac
Includes 6x "R" Plug kit
3V 4.5V 5V @ 2500mA
6V 6.5V @ 2000mA
7V @ 1900mA

Code
SMP2000A

→ Power Supply Multi-Voltage

30W MULTI-VOLTAGE POWER PACK

Universal power pack
Voltage select switch
3V/5V/6V/7.5V/9V/12V
Input 100V-260Vac
Includes AC power lead
Includes 7 DC plugs
120x60x40mm

Code
SMP30W

70W MULTI-VOLTAGE 3000mA (12-24Vdc)

Suit Laptops, etc. 8x assorted Plugs
Right-Angle type Power lead Included
120x60x40mm Input 100-240Vac
70W (4.0A Max.)
12V 15V @ 4.0A
16V 18V @ 3.5A
19V 20V @ 3.5A
24V @ 2.9A

Code
FEAC2004

90W MULTI-VOLTAGE 4500mA (15-24Vdc)

Suit Laptops, etc. 8x assorted Plugs
Power lead Inc. 135x60x40mm
Input 100-240Vac
15V 16V @ 4.5A
18V 19V 20V @ 4.5A
22V 24V @ 3.75A
PLUS USB PORT
Outputs 5Vdc 1A
Powers USB devices

Code
SC9045

90W MULTI-VOLTAGE 6000mA (12-22Vdc)

90W LAPTOP

Adjustable output Select switch x11
9x assorted Plugs
12V 6.0A 14V 15V 16V 5.0A
18V 18.5V 4.5A 19V 19.5V 20V 4.5A
21V 22V 4.0A
Includes AC Lead

Code
SMP90W

LAPTOP POWERPACK 150W

UNIVERSAL 15V→24v

Includes 10x DC Plugs Suits Notepads, Laptops, etc.
15/16/18/19Vdc @8A
20/22/24Vdc @6A

Code
SMP150W

➔ Battery Chargers

CAMCORDER CHARGER & SUPPLY 70W

With 8 different connectors included to suit all the major brands, this universal camcorder power supply is an excellent choice to replace a damaged or lost original unit, or as a spare to take with you on the road. There is no need to fiddle around with setting the output voltage manually, since the unit automatically sets the output voltage depending on which connector you fit to it - simply match up the right connector and the rest is done for you. Also features a USB output for charging other gadgets such as MP3 players, and has an LED voltage display to ensure that you have matched the correct connector. AC power lead included.

Specifications:
Maximum output power: 70W
Output voltage range: 5 - 8.4VDC
Input voltage: 100-240VAC, 50-60Hz
Dimensions: 110(L) x 52(W) x 25(H)mm
Suits Sony, Canon, Casio, Fuji, Kodak, Olympus, Nikon, Panasonic, JVC, Samsung

Code
MP3325

➔ Power Supply Laptop

P70 INTELLIGENT POWER ADAPTOR 70W

MULTI-VOLTAGE LAPTOP SOLUTION

No fuss power supply replacement solution. No voltage switch to worry about or knock! Simply select the correct plug to suit the specific type of laptop and then the power-pack automatically determines the correct voltage required and regulates constant supply for powering and charging. Intelligent power for smart people! High efficiency switch-mode with low stand-by power drain. LED display of voltage output for visual confirmation. Voltage selected depends on plug.

KIT INCLUDES TEN UNIVERSAL PLUGS

240Vac Mains powered adaptor Outputs 12Vdc to 22Vdc up to 70W Auto selected by plug chosen. Includes Plugs N01 - N08, N10, N13 (See below for details.) Suits most popular laptops. More available. See below...

Code
LS-PAB70

X10

Supply power | Charging | USB output

5V

PLUGS TO SUIT LS-PAB70 ONLY

PLUGS TO SUIT LS-PAB70

LISTING OF PLUGS SUPPLIED IN THE LS-PAB70 KIT

Choose the correct plug to suit your specific laptop.

* N01-N08, N10 & N13 plugs are already supplied with the LS-PAB70. They are NOT available separately. Listed below for your reference only. Note: Plugs can be used for other applications if plug & voltage correct. LS-PAB70 only. Plugs are NOT interchangeable with the BC10 series.

* Included	Volts	Current	Plug	Brand	LS-PAB70
*KIT	9.5V	3A	EIAJ-03	Asus	P70-N01
*KIT	10.5V	1.9A	EIAJ-03	Sony	P70-N01
*KIT	12V	3A	EIAJ-03	HP Asus	P70-N02
*KIT	20V	3.25A	5.5/2.5	IBM Lenovo Delta MSI	P70-N03
*KIT	18.5V	3.80A	EIAJ-03	HP Compaq	P70-N04
*KIT	19V	2.64A	EIAJ-03	Asus	P70-N04
*KIT	19V	1.58A	EIAJ-02	HP	P70-N05
*KIT	16V	4.00A	6.0/4.4	Panasonic Fujitsu Sony	P70-N06
*KIT	19V	3.42A	5.5/2.5	Benq Dell Gateway HP Compaq	P70-N07
*KIT	19V	3.42A	5.5/2.5	Acer Delta IBM NEC Sony etc.	P70-N07
*KIT	12V	4.00A	5.5/2.5	LCD Acer Benq	P70-N08
*KIT	14V	4.00A	6.0/4.4	Dell Samsung	P70-N10
*KIT	15V	4.00A	6.3/3.0	NEC Toshiba	P70-N13

OPTIONAL EXTRA PLUGS AVAILABLE TO SUIT LS-PAB70

* Included	Volts	Current	Plug	Brand	Code
Optional	19.5V	3.16A	6.0/4.4mm	Sony Fujitsu	P70-N09
Optional	19V	3.42A	5.5/1.7mm	Acer Liteon	P70-N11
Optional	12V	3.50A	EIAJ-02	Samsung Kodak	P70-N12
Optional	16V	3.50A	5.5/2.5mm	IBM Acer	P70-N14
Optional	22V	2.04A	3.5/1.35mm	Sharp	P70-N16
Optional	19V	2.10A	2.35/0.7mm	Asus	P70-N19

P70 Series of plugs are specific to LS-PAB70 only.

→ Power Supply Laptop

BC10 INTELLIGENT POWER ADAPTOR SERIES

DEDICATED LAPTOP SOLUTION

An intelligent power adaptor with advanced microcomputer CMOS chip voltage control. EMC & EMI in-burst current safety. Simply select the correct plug to suit the specific type of laptop. This power-pack automatically determines the correct voltage required and regulates constant supply for powering and charging. **Intelligent power for smart people!**

Laptop | Digital Camera | Digital Camcorder | iPhone/PDA | Mobile | MP3/MP4 | Monitor LCD

BC10 INTELLIGENT POWER ADAPTOR 120W

120W MULTI-VOLTAGE

High efficency switch-mode with low stand-by power drain LCD display of voltage output. Voltage selected depends on plug Max. Current relative to voltage.

KIT WITH TEN PLUGS
Includes Plugs A-H, J, K
Suits most popular laptops.
More available. See below...

Power	Code
120W	PAB120AA

MORE DETAILS ON THE WEB
www.wescomponents.com/bc10

BC10 INTELLIGENT POWER ADAPTOR 90W

ULTRA SLIM POWER SOLUTION

Low profile version with inline LCD display of voltage output. Voltage selected depends on plug used. Includes USB power socket. Regulated Laptop mains supply.
KIT WITH TEN PLUGS
Includes Plugs A-H, J, K
Suits most popular laptops.
More available. See below...
30x60x135mm

Power	Code
90W	PAB90AL

BC10 INTELLIGENT POWER ADAPTOR 90W
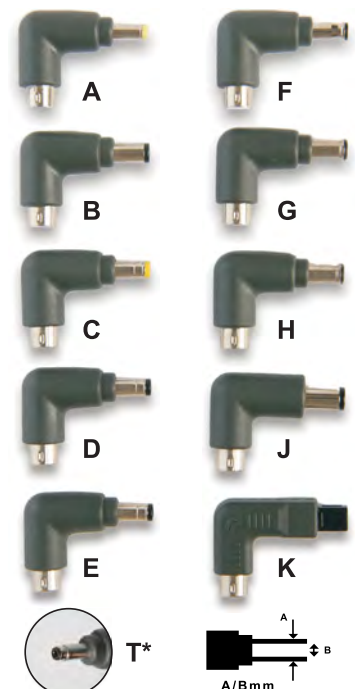
DEDICATED LAPTOP SOLUTION

Switchmode power supply with LCD display of voltage output. Voltage selected depends on plug used. Includes USB power socket. Regulated Laptop mains supply.
KIT WITH TEN PLUGS
Includes Plugs A-H, J, K
Suits most popular laptops.
More available. See below...
25x60x125mm.

Power	Code
90W	PAB90-BC10

BC10 PLUGS - STRAIGHT

Choose the correct plug to suit your specific brand of laptop. Most popular types are already supplied with the PAB90-BC10 kit. The type of plug determines the output voltage as per the laptop it is designed to suit. Specifications of each plug are listed below:

Volts	Current	Plug	Brand	Code
19V, 20V	4.74A	5.5 / 1.7mm	Toshiba	BC10-I
22V	2.04A	3.5/1.35mm	Sharp	BC10-L
20V	4.50A	7.9/ 5.5mm	IBM/Lenovo	BC10-M
18.5V	4.90A	7.4/5.0mm	HP/Compaq	BC10-Q
12V	5.00A	5.5 /2.5mm	LCD	BC10-R
14V	5.00A	5.5/2.5mm	Samsung	BC10-S
19V	4.47A	*4.8 /1.7mm		BC10-T
9.5V	4.00A	5.5/ 1.7mm	ASUS	BC10-U

Ten other plugs, the more popular types, already supplied. Right angle versions available below. Details at: www.wescomponents.com/bc10

BS10 PLUGS - RIGHT ANGLE

Right angle plugs to suit PAB90-BC10, PAB90AL, PAB120AA and LS-CR90AA (see next page). Please choose the correct plug to suit your specific brand of laptop. *Are supplied in the above kits.

Volts	Current	Plug	Brand	Code
18.5V, 19V	4.90A, 4.75A	EIAJ-03	*HP/Compaq, Delta Asus NEC	BC10-RA
15V	6.00A	6.3/3.0mm	*Toshiba NEC	BC10-RB
19V	4.75A	5.5/2.1mm	*Acer Liteon NEC	BC10-RC
19V	4.75A	5.5/2.5mm	*IBM Dell Delta HP/Compaq, Asus Liteon NEC Gateway	BC10-RD
16V	5.00A	5.5/2.5mm	*IBM	BC10-RE
19V	4.75A	5.5/3.0mm	*Samsung	BC10-RF
16V	5.00A	6.0/4.3mm	*Sony Fujitsu	BC10-RG
19V, 19.5V	4.75A, 4.50A	6.0/4.3mm	*Fujitsu, Sony	BC10-RH
19V, 20V	4.75A, 3.50A	5.5/1.7mm	Toshiba Acer, Delta	BC10-RI
19.5V	4.62A	7.4/5.0mm	*Dell [Round]	BC10-RJ
20V	4.50A	7.3mm²	*Dell [Square 3-Pin]	BC10-RK
22V	2.04A	3.5/1.35mm	Sharp	BC10-RL
20V	4.50A	7.9/5.5mm	IBM/Lenovo	BC10-RM
24V	2.70A	7.7/2.5mm	Apple [LS-CR90AA Only]	BC10-RN
24V	2.70A	9.5/3.5mm	Apple [LS-CR90AA Only]	BC10-RO
18.5V	4.90A	7.4/5.0mm	HP/Compaq	BC10-RQ
12V	5.00A	5.5/2.5mm	General Purpose 12V	BC10-RR
14V	5.00A	5.5/2.5mm	Samsung	BC10-RS
19V	4.74A	*4.8/1.7mm	HP/Compaq [*Bullet Head]	BC10-RT
9.5V	5.00A	EIAJ-03	Asus EEE PC	BC10-RU
12V	3.00A	5.5/1.7mm	Asus	BC10-RV

A	F
B	G
C	H
D	J
E	K

T*

A / B mm

NOTE: * A to H, J & K types are already supplied with the chargers. The entire range of plugs are now all available separately in right-angle. These plugs will all suit PAB90-BC10, PAB90AL, PAB120AA, and LS-CR90AA power supplies. Select the specific plug to suit your specific laptop, then plug and go!

➜ Power Supply Laptop

BC10 INTELLIGENT UNIVERSAL POWER ADAPTOR 90W CAR 12V

MULTI-VOLTAGE LAPTOP SOLUTION 90W

Car accessories 12V replacement solution. No voltage switch to worry about or knock! Simply select the correct plug to suit the specific type of laptop and that's that! This adaptor automatically determines the correct voltage required and regulates constant supply for powering and charging. Intelligent power for smart people! High efficiency switch-mode type with 8A fused cigarette lighter plug LED display of voltage output. Voltage selected depends on plug.

Power	90W
Code	LS-CR90AA

10 PLUGS INCLUDED For More See BC10

KIT INCLUDES TEN PLUGS

Car accessories powered adaptor to suit a majority of laptops. Outputs 12Vdc to 24Vdc up to 90W. Voltage auto selected by plug chosen. Includes 10 Plugs BC10-RA to RH, RJ & RK. Details of these plugs are listed below. More plugs are also available.

➜ 12V Power Accessories

12VDC TO UNIVERSAL LAPTOP 150W

150W STEP-UP POWER SUPPLY

12Vdc Accessories input.
15/16/18/19/20Vdc @8.0A
22/24Vdc @6.0A Output.
Suitable for Laptops, etc.
Includes 5x DC Plugs.

Code
SDR150W

24VDC TO UNIVERSAL LAPTOP 150W

150W STEP-UP POWER SUPPLY

24Vdc Accessories input.
15/16/18/19/20Vdc @8.0A
22/24Vdc @6.0A Output.
Suitable for Laptops, etc.
Includes 5x DC Plugs.

Code
SDR24120

12VDC TO UNIVERSAL LAPTOP 120W

120W STEP-UP V

12Vdc Accessories in.
15/16/18/19/20Vdc @6.0A 22/24Vdc
@5.0A Output. Suitable for Laptops,
etc. Includes 5x DC Plugs.

Code
SDR120W

Includes Plug for Dell Laptops

12VDC TO UNIVERSAL LAPTOP 70W

70W STEP-UP V

12Vdc Accessories in.
15/16/18/19/20Vdc @3.5A
22/24Vdc @2.9A Output.
Suitable for Laptops, etc.
Includes 5x DC Plugs.

Code
SDR70W

12VDC-DC CONVERTER 3000mA

SWITCH-MODE UNIVERSAL

12Vdc Accessories to
1.5/3/4.5/5/6/9/12Vdc
Up to 3A Regulated
36W Suit games,
CDs, etc.
Includes 6x DC Plugs.

Code
SDR3000

12VDC-DC CONVERTER 3000mA

SWITCH-MODE UNIVERSAL

12Vdc Accessories to 9/10Vdc
3A Fully Regulated 12Vdc 2A
Fully Regulated. 1.7x4.75mm
EIAJ DC Plug or 3.3x5.5mm
EIAJ DC Plug

Code
SDR30W

→ 12V Power Accessories

USB POWER CAR

USB-"B" Socket
Charges devices

WHITE PLUG

Code
API89113

APi89113

BEND PLUG

Code
USBS30

USB S30

SHORT PLUG

Code
USBM20

USB M20

RoHS compliant

TRIPLE ADAPTOR
1x USB & 3x 12Vdc

Code
CAS-3USB

12VDC-DC CONVERTER 800mA

Converts cigarette lighter
output to; 3/4.5/6/7.5/9/12 Volts
800mA Max Current Fused
500mA Regulated output.
Includes 6x DC Plugs

Code
CA709

12VDC-DC CONVERTER 1000mA

SWITCH-MODE UNIVERSAL
12Vdc Accessories to
1.5/3/4.5/5/6/9/12Vdc 1A Fully
Regulated Suit games, CDs,
etc. Includes 6x DC Plugs.

Code
SDR0121A

12VDC 2A DC LEAD

WITH DC PLUGS
Car Accessories Plug
2M Long lead. Fused 2A.
Includes 8 popular DC
Type plugs.

Code
MW-CP1

12VDC TO USB MINI

USB MINI
ELI5723 is a straight cord with a Left angle (26) Mini USB
ELI5724 is a curley cord with straight plug Mini USB

Plug	Type	Code
Mini USB Male	Straight Cord	ELI5723
Mini USB Male	Curly Cord	ELI5724

ANGLED PLUG W/ CURLEY CORD

Plug	Type	Code
Mini USB Male	Right Plug	ELI5725
Mini USB Male	Left Plug	ELI5726
Mini USB Male	Up Plug	ELI5727
Mini USB Male	Down Plug	ELI5728

Right [25]   Up [27]
Left [26]   Down [28]
USB Mini
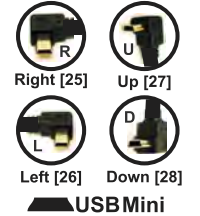
iPOD® POWER CAR

Docking Port 5.1V 1A power Curly cord.

Packaging	Colour	Code
Blister	White	ELI9002
Blister	Black	ELI9003
Bulk	White	BCC9002
Bulk	Black	BCC9003

12VDC TO USB MICRO

Straight plug. Curly cord.

Amps	Code
650mA	ELI1001
2A	ELI1005

EXTENSION LEAD

ACCESSORIES LEAD
Curly cord 10A
Extends the popular
Car Accessories Plug
Length 3 Metres.

Code
CA600

ACCESSORIES SPLIT

DOUBLE ADAPTOR

Code
DCP320

TRIPLE ADAPTOR

Code
DCP330

QUADRUPLE ADAPTOR

Code
CA700

AUTOMOTIVE **12VDC** See Section **18**

ACCESSORIES SPLIT (R/A)

EXTENSION ARM
Hinges and extends Splits
output x2 Right angle output.

Code
API89192

ELBOW

Double Barrel

Code
CAS2

→ DC Plugs

DC LEAD 2.5mm

PLUG TO Plug

Length	Code
30cm	KLE01
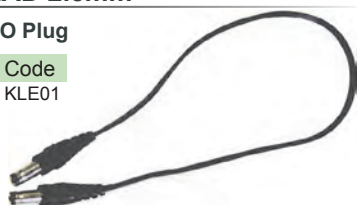
DC SPLITTER

2.5mm Adaptor
Socket to two plugs.

Length	Code
30cm	ADC322

DC SPLITTER QUAD

2.5mm QUAD
Socket to four Plugs

Length	Code
30cm	ADC325

DC PLUG - SPLITTER

Splits power 5 ways

Code
DCL5

DC PLUG SCREW TERMINAL LEAD

2.1mm Positive Tip

Code
P422

DC PLUG - SCREW TERMINAL

Code
P423

DC SOCKET WITH LEAD

10cm Lead

Code
DCL2119ST

DC SOCKET - SCREW TERMINAL

Code
S423

PREPARED LEADS

1.8M + GROMMET
Molded plug to Figure 8 Bell wire Molded grommet

CENTRE PIN STRIPE

DC LEAD 1.3mm LONG

STRAIGHT PLUG
1.8M Lead & Plug
1.3x3.5x12mm

Code
DCL1312ST
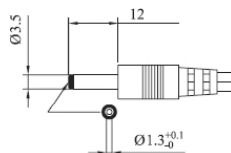
DC LEAD 1.3mm SHORT

STRAIGHT PLUG
1.8M Lead & Plug
1.3x3.5x9mm

Code
DCL1309ST
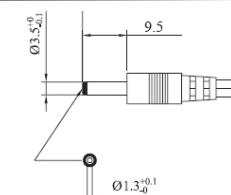
DC LEAD 2.1mm LONG

STRAIGHT PLUG
1.8M Lead & Plug
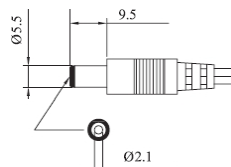2.1x5.5x12mm

Code
DCL2112ST
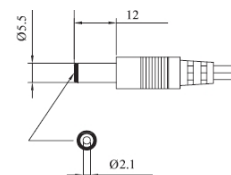
DC LEAD 2.1mm SHORT

STRAIGHT PLUG
1.8M Lead & Plug
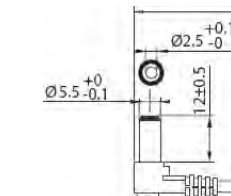2.1x5.5x9mm

Code
DCL2109ST

DC LEAD 2.5mm LONG

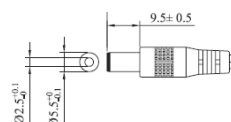**STRAIGHT PLUG**
1.8M Lead & Plug
2.5x5.5x12mm

Code
DCL2512ST

DC LEAD 2.5mm SHORT

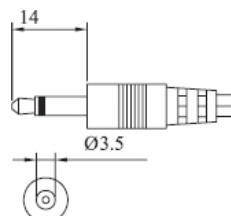**STRAIGHT PLUG**
1.8M Lead & Plug
2.5x5.5x9mm

Code
DCL2509ST

DC LEAD 3.5mm PHONO

STRAIGHT PLUG
1.8M Lead & Plug
3.5mm Mono Plug

Code
DCL3514ST

PREPARED LEADS R/A

1.8M + GROMMET
Molded plug to Figure 8 Bell wire Molded grommet
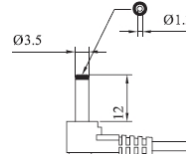
CENTRE PIN STRIPE

DC LEAD 1.3mm LONG

RIGHT ANGLE PLUG
1.8M Lead & Plug
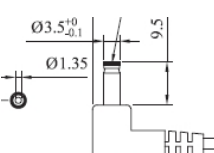1.3x3.5x12mm

Code
DCL1312RA

DC LEAD 1.3mm SHORT

RIGHT ANGLE PLUG
1.8M Lead & Plug
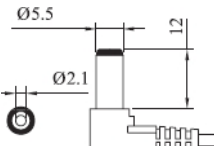1.3x3.5x9mm

Code
DCL1309RA

DC LEAD 2.1mm LONG

RIGHT ANGLE PLUG
1.8M Lead & Plug
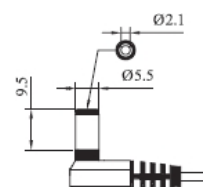2.1x5.5x12mm

Code
DCL2112RA

DC LEAD 2.1mm SHORT

RIGHT ANGLE PLUG
1.8M Lead & Plug
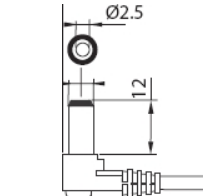2.1x5.5x9mm

Code
DCL2109RA

DC LEAD 2.5mm LONG

RIGHT ANGLE PLUG
1.8M Lead & Plug
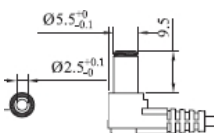2.5x5.5x12mm

Code
DCL2512RA

DC LEAD 2.5mm SHORT

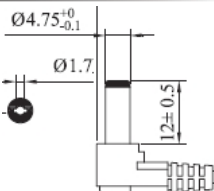**RIGHT ANGLE PLUG**
1.8M Lead & Plug
2.5x5.5x9mm

Code
DCL2509RA

DC LEAD EIAJ-03

RIGHT ANGLE PLUG
1.8M Lead & Plug
1.7x4.75x12mm

Code
DCL1712RA

Phone: 02-9798-9233   Fax: 02-9798-0017   Email: sales@wagner.net.au   Web: www.wagner.net.au

→ DC Plugs

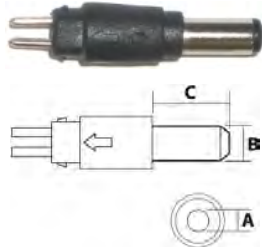### "R" LOCK-ON DC PLUGS

"NEW" STYLE 2-PIN "R"

"R" Range of plugs suit all Switch-Mode PowerPack SMP range and Some standard DCA packs

"R" PLUG DC

Lock-On Type Suits SMP Packs

Plug	A	B	C	D	Code
DC 0.7mm	0.7	2.35	9.5	-	FSR08
DC 1.0mm	1.0	3.2	9.0	-	FSR09
DC 1.3mm	1.3	3.5	12.0	-	FSR05
DC 1.5mm	1.5	5.5	12.0	-	FSR11
DC 2.1mm	2.1	5.5	9.5	-	FSR01
DC 2.1mm	2.1	5.5	12.0	-	FSR02
DC 2.5mm	2.5	5.5	9.5	-	FSR03
DC 2.5mm	2.5	5.5	12.0	-	FSR04
DC 3.1mm	3.1	6.3	9.0	-	FSR10

"R" PLUG CENTRE PIN

Lock-On Type Suits SMP Packs

Plug	A	B	C	D	Code
Centre Pin 1.0mm	3.4	5.5	9.5	1.0	FSR12
Centre Pin 1.4mm	4.4	6.5	9.5	1.4	FSR13

"R" PLUG EIAJ

Lock-On Type Suits SMP Packs

OEM	A	B	C	D	Code
EIAJ-01	0.7	2.35	9.5	-	FSR08
EIAJ-02	1.7	4.0	10.0	-	FSR06
EIAJ-03	1.7	4.7	10.0	-	FSR07
EIAJ-04	3.4	5.5	9.5	1.0	FSR12
EIAJ-05	4.4	6.5	9.5	1.4	FSR13

"R" PLUG PHONO

Lock-On Type Suits SMP Packs

Plug	A	B	C	D	Code
TRS 2.5mm	2.5	2.3	12	-	MSR01
TRS 3.5mm	3.5	3.0	14	-	MSR02

"R" SOCKET & LEAD 2A

1.8M Prepared Lead
"R" Socket and Grommet.

Code
DCL-R2A

PLUGS REQUIRED

FSR & FLR NOT INCLUDED

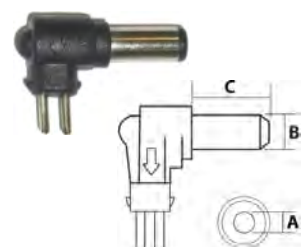### "R" LOCK-ON DC PLUGS

"NEW" STYLE 2-PIN "R"

"R" Range of plugs suit all Switch-Mode PowerPack SMP range and Some standard DCA packs

"R" PLUG DC R/A
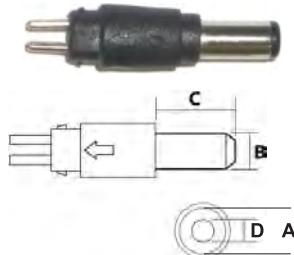
Lock-On Right Angle Suits SMP Packs

Plug	A	B	C	D	Code
DC 0.7mm	0.7	2.35	9.5	-	FLR08
DC 1.0mm	1.0	3.2	9.0	-	FLR09
DC 1.3mm	1.3	3.5	12.0	-	FLR05
DC 1.5mm	1.5	5.5	12.0		FLR11
DC 2.1mm	2.1	5.5	9.5	-	FLR01
DC 2.1mm	2.1	5.5	12.0	-	FLR02
DC 2.5mm	2.5	5.5	9.5	-	FLR03
DC 2.5mm	2.5	5.5	12.0	-	FLR04
DC 3.1mm	3.1	6.3	9.0	-	FLR10

"R" PLUG CENTRE PIN R/A

Lock-On Right Angle Suits SMP Packs

Plug	A	B	C	D	Code
Centre Pin 1.0mm	3.4	5.5	9.5	1.0	FLR12
Centre Pin 1.4mm	4.4	6.5	9.5	1.4	FLR13

"R" PLUG EIAJ R/A

Lock-On Right Angle Suits SMP Packs

OEM	A	B	C	D	Code
EIAJ-01	0.7	2.35	9.5	-	FLR08
EIAJ-02	1.7	4.0	10.0	-	FLR06
EIAJ-03	1.7	4.7	10.0	-	FLR07
EIAJ-04	3.4	5.5	9.5	1.0	FLR12
EIAJ-05	4.4	6.5	9.5	1.4	FLR13

"R" PLUG PHONO R/A

Lock-On Right Angle Suits SMP Packs

Plug	A	B	C	D	Code
TRS 2.5mm	2.5	2.3	12	-	MLR01
TRS 3.5mm	3.5	3.0	14	-	MLR02

"R" SOCKET & LEAD 5A

"R" Socket and Grommet
1.8M Prepared Lead

Code
DCL-R5A

PLUGS REQUIRED

➔ 12V Power Inverters

12V TO 240VAC INVERTER

100Wrms / 250Wsurge
Compact aluminium cabinet Accessories plug 12Vdc In Modified Sinewave 240Vac Out Compatible with most items even some sensitive units like laptops, AV, etc. Overload & thermal protected with alarm 105x75x57mm

Code
INVERT100

12V TO 240VAC INVERTERS

ACCESSORIES PLUG UNIT
Modified sinewave output Compact convenient solution Safety protected socket door Car and appliance protection Suits general low-power items like chargers, lights, etc.

75 Watt

Code
CAI-75

150 Watt

Code
CAI-150

12V TO 240VAC INVERTER

150W AERPRO W/ USB
Accessories plug 12Vdc In Modified Sinewave 240Vac Out Compatible with most items even some sensitive units like laptops, AV, etc. Modern media white Bonus dual USB sockets used for charging/powering additional USB accessories

Code
AIU150

12V TO 240VAC INVERTER

ACCESSORIES PLUG INPUT
Modified sinewave output Compact convenient solution Safety protected socket door Car and appliance protection High power circuitry in a compact aluminium box & fan With Low-Battery alarm 350Wrms and 700Wpeak

Code
CAI-350

240V INVERTERS PURE

PURE SINE WAVE TYPE
Suit appliances that use sensitive switchmode supplies or induction reactive like heater or motored items. Circuit & battery protected. Combine the wattages of all items you wish to run and then add 20% for RMS value. Lugged is leads with screw lugs terminated.

Rms	Surge	Connector	Size	Code
150W	450W	Cigarette	210x165x100mm	SW150-12
350W	1050W	Alligator	310x165x100mm	SW350-12
650W	1950W	Lugged	360x282x115mm	SW650-12
1200W	3600W	Lugged	465x282x115mm	SW1200-12
1800W	5400W	Lugged	405x282x182mm	SW1800-12
3000W	9000W	Lugged	565x282x182mm	SW3000-12

www.gsl.com.au
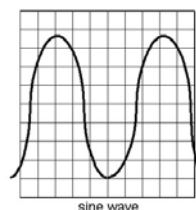
sine wave

SW350-12

SW150-12

SW650-12

SW1200-12

240V INVERTERS

MODIFIED SINE WAVE TYPE
Suit less critical items eg. Lighting, etc. Fully protected from thermal over voltage, overload, short circuits, etc. Alarms when battery is low.

Vin 10.5 to 15Vdc (Car)

Rms	Surge	Connector	Size	Code
150W	300W	Cigarette	125x102x65mm	INV150-12
350W	700W	Alligator	180x102x65mm	INV350-12
600W	1500W	Alligator	245x175x85mm	INV600-12
1000W	2000W	Alligator	340x250x90mm	INV1000-12
1500W	3000W	Alligator	465x250x90mm	INV1500-12
2500W	5000W	Alligator	480x210x160mm	INV2500-12

Vin 20 to 30Vdc (Truck)

Rms	Surge	Connector	Size	Code
600W	1250W	Lugged	245x175x85mm	INV600-24

INV150-12

www.gsl.com.au

modified sine wave
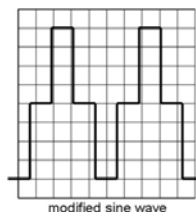
INV350-12

INV600-12

INV1000-12

➔ 12V Power Accessories

FLUORO-INVERTERS

Run fluorescent lamps from a 12V or 24V source. Latest technology and design. Will fit inside the tubes' base housing or optional external cover. Replaces existing ballast. High quality, light weight, compact construction with aluminium base for heat sink. Screw terminals for easy installation. 33KHz Sinewave operation for high efficiency and low current drain. Protection against reverse polarity connection. Available in 20W or 40W, 12V or 24V. Reliable, long lasting construction.

12V INVERTER 20W or 40W

Watt	Vin	I_load	I_idl	Imax	Size	Code
15-20W	9-15Vdc	1.2A	0.4A	2.0A	130x40x30	FL12-20
30-40W	9-15Vdc	1.6A	0.4A	2.0A	150x40	FL12-40

24V INVERTER 20W or 40W

Watt	Vin	I_load	I_idl	Imax	Size	Code
15-20W	18-28Vdc	0.5A	0.2A	1.2A	110x40x30	FL24-20
30-40W	18-28Vdc	0.8A	0.1A	1.5A	150x40x30mm	FL24-40

OPTIONAL COVER TO SUIT

The inverters can be installed inside the lamps casing or use these Snap fit covers! Reduces noise & hum. Aluminium.

| Size	Code
110x40x35	FLC110
130x40x35	FLC130
150x40x35	FLC150

ELECTRONIC BATTERY ISOLATORS

FOR AUXILIARY BATTERY CONNECTION
MADE IN AUSTRALIA FOR VEHICLE ELECTRICAL SYSTEMS

Connect two batteries to the one charging circuit. The primary battery is for vehicle operation. The Auxiliary battery is for your equipment, eg. the inverters found on these pages. The primary battery is always in the charging circuit. Only when it reaches 13.2V will the auxiliary battery be connected into the charge. The auxiliary battery is disconnected from the primary battery if the primary battery falls below 11.4V. This protects you from two flat batteries!

Type	Code
100A	EBI-100
150A	EBI-150

Run Two Batteries On One System!

Run Two Batteries In Your Vehicle
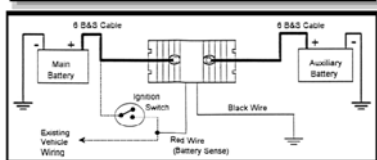
Excellent idea if you want to start your vehicle again.

24V-12V REDUCERS GSL LINEAR

SEE SECTION 18 CAR AUDIO ACCESSORIES

Converts 24V Systems to the lower 12V accessories output for popular items. Suit Audio & Phone, etc. Quality build long-life Made tough for Australia Full unconditional protected

24V-12V REDUCERS GSL SWITCH-MODE

MAXIMISER SWITCHMODE TYPES

For higher power ratings in a professional grade package. Features efficient conversion for a cooler and longer life. Compact convenient mounting. Accepts 20 → 30Vdc input Premium grade product

24V-12V REDUCERS GSL COMPACT

COMPACT GENERAL PURPOSE UNITS

Open style so requires mounting in a protected, ventilated area. Chassis mount. Negative ground. 24 Volts input 13.8 Volts output. Priced right!

AUTOMOTIVE 12VDC See Section 18

SECTION 18

See Section 18 CAR AUDIO ACCESSORIES

High-Power Car Amps
Premium Class-A Amps
Car Speaker Systems
Subwoofer Systems
Installer Accessories
Wiring Harnesses, etc. Car
Antenna and More!

www.gsl.com.au

AUSTRALIAN AUTOMOTIVE ELECTRONICS

DATA SHEETS ARE AVAILABLE
Too much to list here!
Details at www.gsl.com.au
Or please ask for a datasheet!
Excellent range of voltage
devices for cars and trucks
Premium grade Australian made.

GSL MADE IN AUSTRALIA

➜ UPS

UNINTERRUPTIBLE 12V POWER SUPPLY

This unit is a 10A 12Vdc power supply with provision for battery backup giving an uninterruptible 12V power source. Highly efficient switchmode technology supplies up to 10A to load and / or battery charging. On mains power failing (or brief over current load) this unit will supply 12V from the freshly charged external backup battery bank. The backup battery/s are not supplied, this allows the user to choose the cells to suit their particular application, eg; Expected down time, Battery cost and size, etc. (See section 11 for our lead acid battery range.) Features include complete backup battery charging and management facilities with automatic and instant changeover. Low voltage detection for load and battery with status LED. Quality heavy duty construction that's remarkably compact and light for the output power. Reliable, stable with a long service life. Anodised aluminium heatsink casing. Inbuilt cooling fan. Made in Australia. Input and output protected. Input Voltage 200-240VAC (1.3Amax) Output Voltage 13.65VDC±2% Size 240 x 120 x 70mm Terminals are Screw Jack types. Leads NOT supplied.

Type	Code
UPS	UPS12-10

YOUR BATTERY
Please choose a backup battery from section 11.
BATTERIES Recommend any 12V lead-acid.

➜ Power Supply Benchtop

VARIABLE POWER SUPPLY

Laboratory bench top power supplies are ideal for hobbyists, schools and general electronic servicing. Provides regulated 0 to 30VDC output current limited (or constant current) operation of 0 to 5 Amps Provides both a 5VDC and 12VDC outputs (floating) at 0.5 Amps (1A peak). Ripple & noise: 5mV RMS, Line regulation: 10mV, load regulation: 20mV. 6.5Kg Features voltage and current digital LCD meters, voltage and current adjustments and meters. 2 screw terminals which accept 4mm banana plugs and comes with 12 months warranty. Note, all voltages are independent (i.e. not grounded) so the 5V and 12V can also be used for -5V and -12V Vout 5V + 12V + 0→30Vdc Iout 0→5Arms (10A max)

Code
NP9615
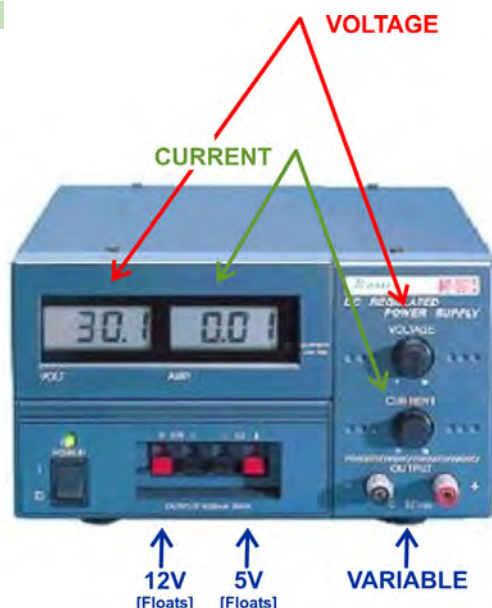
➜ Battery Chargers

BATTERY CHARGER 10A

POWERMASTER SERIES
Charges 12V Lead Acid Cells. Input 240Vac. Switchmode. Output 13.6Vdc. 10A Max. Charges up to 200Ah batteries.

Volts	Current	Code
12V	10A	BC240-1210

AC-DELCO CHARGER 75W

6V & 12VDC 6A SLA

3 Stage Automatic Logic control unit Lead-Acid battery Car, bike, carts. Charger 6V or 12V Current limited Switch 2A/4A/6A 8x LED Status Professional grade 75x160x186mm 1Kg

Code
I-7011

AC-DELCO CHARGER 180W

12VDC 15A SLA

3 Stage Automatic Logic control unit Lead-Acid battery Car, bike, carts. Charger 12V Current limited 2A-6A-10A-12A-15A Digital Display Professional grade 140x190x225mm 2Kg

Code
I-7012

SLA TRICKLE CHARGER 500mA

LEAD ACID BATTERY

Charges SLA Batteries
Bare end wires.

Volts	Current	Code
13.8V	1000mA max	LAC1A

See Section 11 for details.

SLA QUICK CHARGER 1000mA

2 Stage Intelligent Charger

Charges sealed lead acid (12Ah) Fast-Charge to 90% then trickle Alligator Clips.

Volts	Current	Code
12V	1000mA	LAC1201
6V	1000mA	LAC601

See section 11 for details.

SLA SMART CHARGER 30W

3 STAGE CIRCUIT

New Smart charger. With indicators. Rapid/Trickle/Float. Intelligent solution help prolong life. 20Vac mains charger. Fully protected. Suit SLA 7Ah to 65Ah

Volts	Current	Code
12V	2700mA	LAC9640-12
24V	1500mA	LAC9640-24

See section 11 for details.

→ **Battery Chargers**

BATTERY FIGHTER 15W

12V 1250mA
240Vac SLA battery charger
4 Stage battery maintenance:
1/ Diagnose and inform Status
2/ Bulk Charge 1.25Amps 80%
3/ Absorption Charge 14.4V
4/ Float charge long-term
Metal Box 93x105x92mm
3 Years Warranty

Code
BFA012

www.wescomponents.com/datasheets/

BATTERY FIGHTER 6V/12V 1250mA

240Vac SLA battery charger
4 Stage battery maintenance.
New 6 LED status display
85x65x185mm power-pack IP68
3 Years Warranty

Volts	Current	Code
6V	1250mA	BFM006
12V	1250mA	BFM012

www.wescomponents.com/datasheets/

BATTERY FIGHTER JUNIOR 6V/12V 750mA

240Vac SLA battery charger
3 Stage battery maintainer
Test / Bulk / Float charge. Pro
grade. **3 Years Warranty**

Volts	Current	Code
6V	750mA	BFJ006
12V	750mA	BFJ012

BATTERY FIGHTER 12V 1000mA

3 LED STATUS
240Vac SLA battery charger. 3 Stage
battery maintainer. Micro-processor
controlled. Test / Bulk / Float charge.
With LED Status indicators. Water
proof power pack IP68. Wall mount
bracket solution. Spark proof. Fully
protected. 55x45x105mm plastic
PC94VO. Alligator or ring contacts.

Volts	Current	Code
12V	1000mA	BSC1210WR

BATTERY FIGHTER 12V 1500mA

6 LED STATUS
240Vac SLA battery charger. 4 Stage
battery maintainer. Micro-processor
controlled. Test / Bulk / Absorption
& then maintenance mode. With
LED Status indicators. Water proof
power pack IP68. Wall mount
bracket solution. Spark proof. Fully
protected. Alligator or ring contacts.

Volts	Current	Code
12V	1500mA	BFS1215WR

BATTERY FIGHTER 24V 3000mA

240Vac SLA battery charger. 4 Stage
battery maintainer. Micro-processor
controlled. Test / Bulk / Absorption &
then maintenance mode. With LED
Status indicators. Water proof IP65.
Wall mount bracket solution. Spark
proof. Fully protected. Alligator or ring
contacts. Ideal wheelchair, golf buggy,
heavy-duty 24V charger.

Volts	Current	Code
24V	3A	BFP024

BATTERY FIGHTER

AWARD WINNING CHARGERS

3 Year Warranty Pro-quality Intelligent
charging and SLA battery maintenance
system. Spark-proof. Fully protected
With multiple stage charging for
maximising performance. This will save
you time and prolong the life of your
expensive sealed lead acid batteries.
Suits 6V or 12V. Excellent for electric
cars Golf carts, motor bikes, etc.

BATTERY FIGHTER CHARGER LEADS

All "Battery-Fighter" Chargers Include Lead
to alligator clips and Ring terminals BFL1
BFL2 To customise your application extra
plug solutions are here: 50cm 18AWG UL
SPT-2 Lead Constar Quick Disconnect
"CONSTAR" PLUG Plug to Plug Extensions

Length	Code
30cm	QD2P
3M	BFL7

LEADS AVAILABLE

ALLIGATOR CLIPS
50cm As supplied standard

Code
BFL1

RING TERMINALS
50cm M5 Screw connect

Code
BFL2

4.8mm SPADE
45cm Battery terminal

Code
BFL5

6.35mm SPADE
45cm Battery terminal

Code
BFL6

CIGARETTE PLUG
45cm Car accessories plug

Code
BFL4

CIGARETTE SOCKET
45cm Car accessories socket

Code
BFL8

VW-VBM PLUG
18cm Suits Panasonic Battery

Code
PL10

Suits Battery Fighter range.

MONITOR METER

INLINE VOLTAGE
Plugs inline with the "Constar"
charger lead Measures voltage
5-40Vdc LCD 4 Digit Display
Monitors charge voltage or
battery voltage.

Code
BFL9

→ Test Equipment

AC VOLTAGE DETECTOR

An Unique & Versatile Adjustable Non - Contact AC Voltage Detector. Which combines latest Digital Technology to detect AC Voltage from as low as 5 V AC. Sound and light feedback. Non-Contact AC Voltage Test from 5-1,000 V AC range (Adjustable Sensitive). Continuity check to identify 'Good Or Bad ' like Bulb, Fuse etc. Power full long lasting white LED light flashing torch. Battery- 1.5V x 4 pcs. (LR44, AG13, L1154 etc.) [included]

Code
MS47NS3

MULTI VOLTAGE TESTER

CONTACT/NON-CONTACT TYPE TESTER

Easy, Safe, Quick and Accurate. Non-contact from 70 V AC to 600 V AC. Contact test from 70 V AC to 250 V AC. DC voltage test: 0-250 V DC. Polarity test: 1.5 V DC to 36 V DC. Continuity check: 0 - 80 M ohms. Checks operating condition of ionizer. Detects microwave leakage: ≥5 mw/cm2 . Safe Test - Water resistant. LR41 batteries included.

Code
MS18

NEON TEST SCREWDRIVER

INSULATED SHAFT BLADE

Steel Blade Tip 5mm Mini Screw driver 145mm with a clear handle and inbuilt neon lamp that will indicate the presence of AC voltages 125-250Vac Ideal for tag strips, etc. as it will indicate if the screw is live! Safety 1st.

Code
HT500

ELECTRICAL INSULATED 7PC SCREWDRIVER SET

DVE IEC60900:2004 PREMIUM GRADE PROFESSIONAL SET

High Quality 1000V insulated Phillips / Blade screw driver set Bright CAT-III Red in colour. Insulated shaft protection Ideal for electrical applications. Large easy-grip comfortable rubber double molded handle. Packaged in a hand plastic tool casing for portable storage. Phillips #0 #2 #3
Blade 3.5 4.0 5.5 6.5mm

Code
HT78017

⊖ **BLADE**
Size:
1.2x6.5x150
1.0,5.5x125
0.8,x4x100
0.6x3.5x75

⊕ **PHILIPS**
Size:
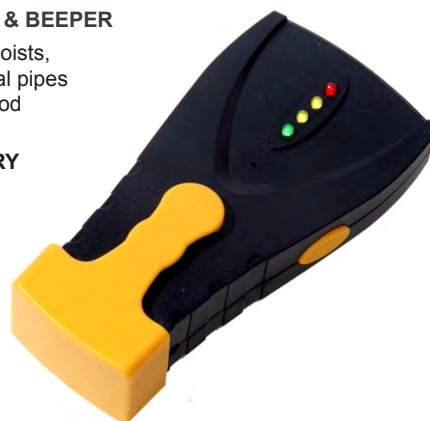PH2x100
PH1x80
PH0x60
300x205x55mm

STUD-FINDER

BAR-GRAPH DISPLAY & BEEPER

Locates wooden studs, joists, electrical wires and metal pipes in plasterboard or plywood walls. 20mm deep

REQUIRES 9V BATTERY

Code
SF10285

STUD FINDER (5 IN 1)

MULTI-FUNCTION EASY READ TYPE

Wooden Stud Detection up to 15mm thickness of gyprock. Buzzer sounds with red LED blinks slow, Fast or steady. Detect Φ20 mm metal pipe depth 30mm. AC Voltage depth 50mm single sheath wire. Bonus Continuity check for fuse, bulbs, etc. and also a Built-in Polarity check (3V-24V DC). Auto power off - Low battery warning - 1x AAA Battery [not included].

Code
MS-68-10

DIGITAL STUD FINDER (3 IN 1)

DISTANCE READOUT & BARGRAPH

Locate studs, find metal objects and detect AC voltage. Displays Large 2 digits numeric 99 counts for accurate reading of test result and 9 bar display indicate high sensitively sensing level. Detection of - Stud up to 38mm thick Gyprock with 2x4 inches stud, ACV minimum 30mm and Metal minimum 50 mm when pipe is Φ20 mm. Measuring accuracy - ±5mm Audible multitone. 2x AAA Batteries required.

Code
MS-68-11

INSULATED SCREWDRIVER KIT 1,000 V

Contains 4 blade type & 3 Phillips type drivers. 1000V fully insulated. Various shaft lengths and tip sizes. Chrome-vanadium steel for extended wear. Also contains a neon 100V - 500V AC tester.

Code
HT550

1000V Insulated

Mains Safety Test Driver

→ **Test Equipment**

PORTABLE APPLIANCE TESTER AEGIS

Class 1 & 2 Approved

Earth bond and insulation tester. Australian designed and manufactured for testing electrical appliances to power electrical safety Standards of AS/NZS 3760. Compact, portable, drop & Weather Proof. Includes Leads, etc. Battery operated portable. 235x190x110mm. 6x "AA" inc.

Code
CZ5000

OPTIONAL LOG BOOK

Code
CZ5074

EXTRA TEST TAGS

Code
CZ5072

- Does your business comply with the Australian and New Zealand Standard **AS/NZS 3760** Electrical Safety?
- Are your electrical appliances tested and tagged on a regular basis?
- Fully Portable Battery Operated
- Drop Proof
- Weather Proof (IP67)
- Compact with all Leads and accessories, including a set of Test Tags, housed in the instrument case.

More Test Tags Available

PORTABLE APPLIANCE TEST LEAKAGE ADD-ON

USE IN ADDITION TO CZ5000 BELOW

Upgrades Appliance test to AS/NZS3760:2003 Leakage Current Measurement Tester when used with the CZ5000 unit above. Australian designed and manufactured for testing electrical appliances to power electrical safety Standards. Certified for the use as a Verification of insulation integrity of portable devices. ie, CZ5000 & CZ5500 required for the full AS/NZ3760:2003 Compliance Test. 3 LEDs show the level of the actual return current flowing through the earth conductor. Easy to use and cost effective. Premium grade professional AEGIS. Stickers extra.

Code
CZ5500

CZ5500 Thresholds
Insulation integrity verification, by measuring the return leakage current in the Earth conductor:
Threshold 1: 0 to 1mA
Threshold 2: > 1mA to 2.5mA
Threshold 3: > 2.5mA to 5mA
Threshold 3: > 5mA
These thresholds are in line with the requirements of AS/NZS3760:2003
Green LED = Leakage Current is at or below 1mA.
Yellow LED = Leakage Current is at or below 2.5mA, but more than 1mA.
Yellow LED = Leakage Current is at or below 5mA, but more than 2.5mA
Red LED = Leakage Current is above 5mA.
A warning buzzer with also sound when leakage current is above 5mA.

PORTABLE APPLIANCE TESTER KYORITSU

As part of the OHS laws in Australia (that may vary between states) it is required to regularly check power cables, power boards and appliances such as electric power tools, microwave ovens, plug-in air conditioners, toasters, vacuum cleaners, computers, etc. to ensure that the equipment is electrically safe. The Kyoritsu 6201A is hand-held portable appliance tester that ensures the Safety of Class I and Class II appliances and power leads for Leakage Current. A large LCD displays the mains voltage, plus other functions. 4 LED indicators and buzzer sound identifies if each test has passed or failed. Fuse protected. Includes Mains cord, Test lead with safety alligator clip / probe attachments & Extension lead test cable. Made in Japan. Pass / Fail Stickers Not Included. See Below.

Code
AT6201A

PASS & FAIL STICKERS

On completion of each test of the appliance / cable it is required to be labelled with a PASS or FAIL sticker that is filled in with identification details. Buy 1 to receive 250.

Code
FAIL-TAGS
PASS-TAGS

→ Torches

12V WARNING LAMP

AMBER EMERGENCY STROBE

Excellent solution for safety and emergencies. 12Vdc accessories plug Curly cord 1Mg2M long Felt padded magnetic base bonnet or hood placement Rotating globe mirror Spare globe included 120mm Base 145mm High Orange (Amber).

Code
TT1100

WORK LIGHT

12V FLOURO TUBE 13W

Bright flouro lamp with hook for under bonnet, camp sites, etc. 12Vdc. Includes 3.0M cable to accessories plug. Special folded double lamp for extra bright. 370mm Long.

Code
TT1104

NEW LED VERSION

26x Super Bright LEDs
240Vac/12Vdc chargers

Code
WL3

FLASHLIGHT MINI

INCANDESCENT

Economical torch
Conventional globe
Durable plastic
Black/Red/Yellow/Blue
Random colour supplied.
Uses 2x "AA" Cells.

Size	Code
145x35mmØ	F2AA

FLASHLIGHT

INCANDESCENT

Economical torch.
Classic Double "D" type.
Conventional globe.
Durable plastic.
Includes bonus batteries.
2x "D" Cells.

Code
FL2DB

POS DISPLAY

7 LED TURNTABLE

Beautifully enhances any item on display or for enjoying home crystal. Multi-colour LED cycle Mirrored rotating base 3x AA Batteries or Optional power-pack 55x110mmØ

Code
XLD8687

POWER PACK

Code
SMP500A

BIKE HEADLIGHT 5 LED

HANDLE-BAR MOUNT

Push switch On/Off or flashing modes Adjustable ring grip suits most bicycles Handle bar mount Push release base Shock/Water resistant Use as a hand torch 100x35mm plus base 4x AAA Batteries (reg.)

Code
GT088V

BIKE HEADLIGHT

KRYPTON GLOBE

3V Krypton super light Double the brightness Deluxe cyclist design Uses 2x "C" cells for extended battery life Classic headlight style Convenient I/O position Mounting-clip type for secure permanent fixture Bonus white reflector

Code
BHK207

BIKE TAIL LIGHT

4 LED RED

Bracket mounting 4x Angled LEDs Ultra-bright red High visibility Bonus reflector 60x55x20mm small 2x AAA Batteries

Code
BHKR33

2x AAA [Required]

Code
TSLR6SP

MINING LAMP

HANDS FREE LIGHTING

Adjustable elastic strap for wearing on your head. Hands-free light pointing. Adjustable angle & brightness. 12x super bright LEDs. Excellent lighting for viewing many applications.

Code
SNHD12

LED CAP LIGHT

HAT RIM CLIP

Fits to front rim for hands free illumination. Suit hands-free working, Night safety bike-riding. Thin curved style for popular base-ball caps. 5 super-bright LEDs 12,000mcd brightness 2x CR2032 batteries (inc.)

Size	Code
80x50x10mm	TORCHL79

FITS ANY CAP
[CAP NOT INCLUDED]

LED KEY-RING TORCH 5 LED

MINI ALL-METAL
Super bright LEDs Push On / Push Off Machined aluminium Red Barrel 70x20mmØ Includes key-ring & 4x LR44 batteries

Code
ALT5

BATTERIES
Replacement 4x:

Code
LR44

ALUMINIUM 9 LED TORCH

Machined aluminium Colour anodized Random colour supplied Rubber push button 3xAAA Batteries Wrist strap

Size	Code
95x28mmØ	ALT902

BATTERIES

Type	Code
4xAAA	TSLR3-BP4

ALUMINIUM 14 LED TORCH

Heavy-duty design torch. Thick machined aluminium. Rubber grommet sealed. Rubber push button 14 Super bright LEDs 3xAAA Batteries.

Colour	Size	Code
Silver	140x36mmØ	ALT1401A

BATTERIES

Type	Code
4xAAA	TSLR3-BP4

ALUMINIUM 14 LED TORCH

Heavy-duty design torch. Thick machined aluminium. Rubber grommet sealed. Rubber push button 14 Super bright LEDs 3xAAA Batteries.

Colour	Size	Code
Black	140x36mmØ	ALT1401B

BATTERIES

Type	Code
4xAAA	TSLR3-BP4

ALUMINIUM COMPACT

8 LED TORCH
Long life metal cased Polished machine finish 24,000 Lux super bright Battery booster circuit Impact resistant casing. Water resistant.

Size	Type	Code
90x22mmØ	1xAA	FTA503
140x22mmØ	2xAA	FTA501

HAND-CRANK TORCH

3 LED POCKET
Mini-dynamo batteryless Give it a windup and capacity stores some time for illumination. Black rubberised finish easy grip for winding 3 Bright white LEDs Handle folds away Carry wrist strap

Code
ALCT3

ALUMINIUM SUPER COMPACT

RECHARGEABLE 3 LED
Clever design where the torch barrel fits direct into a cars accessories socket for charging. Smart, convenient, stylish. Machined aluminium with black rubber detailing. Push button on/off/flash 3x Ultra-bright LEDs Compact 65x27mmØ

Code
RCT03

12V Carge

FRONTA WEATHER-PROOF LED TORCHES

Not your average LED torch! Premium white coloured LEDs with extra efficiency and brightness. Battery Voltage Booster Circuit regulates LED voltage for always bright torch light and extra long life LEDs. High grade Poly-Carbonate for an extra strong torch casing. Double "O" ring sealed compartment reduces chance of battery or contacts oxidising and also making the torch weather proof to over 30 metres!

FRONTA LED WEATHER-PROOF TORCH

4X SUPER-BRIGHT LEDS

Twist the cap to turn on and off.
Water proof to 30M.
Battery 4x "AA".
Size 150x40mmØ.
4 super bright LEDs

Code

T101

*Colour supplied varies depending on stock

FRONTA LED MINI WEATHER-PROOF TORCH

HALF-SIZE WITH 6 LEDS

Twist the cap to turn on and off.
Water proof to 30M Battery 2x "AA"
Size 105x40mmØ

Code

T303

*Colour supplied varies depending on stock

FRONTA LED DELUXE WEATHER-PROOF TORCH

MAGNETIC SWITCH

Long life switch Double O-Ring seals
Water proof to 50M Includes wrist
strap High grade Polycarbonate
Impact resistant plastic Battery 4x "AA"
Size 150x40mmØ

6 LEDs

Code

TMG103

MAGNETIC SWITCH

*Colour supplied varies depending on stock
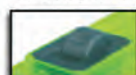
FRONTA LED MINI WEATHER-PROOF TORCH

MAGNETIC SWITCH

Long life switch Double O-Ring seals
Water proof to 50M Includes wrist
strap High grade Polycarbonate
Impact resistant plastic Battery 2x "AA"
Size 105x40mmØ

6 LEDs

Code

TMG303

MAGNETIC SWITCH

1W LED MINI TORCH WITH FLASH FUNCTION

WEATHER-PROOF WITH MAGNETIC SWITCH

Single ultra-bright 1W LED. Magnetic switch cycles through different illumination modes. Two brightness and two flashing modes for distress. Water proof to 30M Fronta tough. Battery 2x "AA" Size 105x40mmØ

Case	Code
Yellow	FT2-1WYL
Black	FT2-1WBK

FRONTA 1W 1 LED WEATHER-PROOF TORCH

LUXEN WATER BEAM LED 1 WATT

1 Watt 30 Lumens Wide bright beam
Light tone best for under water
Magnetic switch Water proof 50M
Batt.   4x "AA"
Size   180x45mmØ

Code

TMG1W

ARM BAND

Code

SAB01

REPLACEMENT LED

Code

LUX1W

TORCH NOT INCLUDED

FRONTA 3W 1 LED WEATHER-PROOF TORCH

UNDER WATER LIGHT TONE

3 Watt 60 Lumens focused beam
Light specific tint for underwater
Professional Scuba diving torch
High grade polycarbonate plastic
Super tough black tinted barrel
Machined aluminium black collar
External magnetic toggle switch
Optional flash emergency setting
Water resistant rated to 50 metres
Batt. 4x "AA" Size 180x45mmØ

Code

TMG3W

ARM BAND

Hands free option

Code

SAB02

REPLACEMENT LED

Code

LUX3W