

POWER SUPPLIES & VOLTAGE REDUCERS

All reducers carry a 2 year warranty. Using these units for other than their intended use will void warranty. For the purposes of illustration, cables that are normally attached to the units below have been omitted. Other models are available as special order. For more information contact us.

 [Switchmode](#)



08190

Mains LED power supply.

- 90-295VAC input voltage
 - 12VDC regulated output
 - 11A/132W rated output
 - Waterproof to IP67
 - Over-current protection
 - Over-voltage protection
 - Over-temperature protection
 - Short circuit protection
 - High efficiency @ 92%
 - All metal case/potted electronics
 - 3 year warranty
 - LxWxH: 222x68x39mm
- Specifically designed for LED lighting applications and harsh environments

 [Switchmode](#)



VR005

1 circuit switch mode reducer.

- 15-40VDC input
- 13.6VDC output
- 5A continuous
- Ignition switched + unswitched
- Over 92% efficiency
- Under/Over-voltage protection
- Over-current + polarity protection
- Over temperature protection
- Standby current 15mA
- Vibration + water/dust to IP68
- LxWxH: 66x56x21mm

 [Switchmode](#)



08110

1 circuit switchmode reducer.

- 20-30VDC input
- 13.5VDC output
- 10A continuous
- Over-current protection
- Over-voltage protection
- Thermal shutdown protection
- Standby current 20mA
- Over 90% efficiency means cooler running temperature
- LxWxH: 90x135x62mm
- For all applications including fridges etc.

08120

Specifications as above, except:

- 20A continuous
- Standby current 40mA
- LxWxH: 155x135x62mm

08130

Specifications as above, except:

- 30A continuous
- Standby current 40mA
- LxWxH: 175x135x62mm

 [Linear series](#)



08113

5 circuit linear reducer.

- Waterproof
- 20-28VDC input
- 13.8VDC output
- 2x240W + 3x120W
- Over-current protection
- Current foldback limited to 3A
- LxWxH: 290x135x60mm
- For Incandescent lighting only

 [Linear series](#)



08106

4 circuit linear reducer.

- 20-28VDC input
- 13.8VDC output
- 360W total load
- Over-current protection
- Current foldback limited to 3A
- LxWxH: 90x135x40mm
- For Incandescent lighting only

08124

4 circuit linear reducer.

- 20-28VDC input
- 13.8VDC output
- 240W total load
- Over-current protection
- Waterproof
- LxWxH: 92x73x32mm
- For Incandescent & LED lighting only



08160

12VDC battery voltage level indicator.

- Indicates voltage levels via colour and constant or light flash rate
- Push fit jumbo 10mm LED
- Soft, even light output is easy on the eye when at night driving
- Diffused light for wide viewing angle
- <10.7VDC - fast red pulse light
- 10.7VDC - red flashing light
- 11VDC - steady red light
- 11.2VDC - Yellow fast pulse light
- 11.5VDC - Yellow flashing light
- >12.1VDC - steady green light

BATTERY CHARGE/ISOLATORS

For the purpose of illustration, cables that are normally attached to the reducer/chargers below have been omitted.
Other models are available as special order - see our Distribution catalogues for more.

[Switchmode](#)



08010

1 circuit reducer/charger

- 20-28VDC input
- 13.8VDC output
- 10A continuous automatic battery charging capacity
- Input to output protection
- Thermal protection
- Over-current protection
- Short circuit protection
- Standby current 15mA
- Soft-start via control wire
- 91% efficient at full load
- LxWxH: 110x136x63mm
- For charging a 12V battery from a 24V source or charging the supply battery when using the 12V centre tap as a supply or for running 12V equipment from a 24V supply (charge equalising).

08011

1 circuit reducer/charger

As 08010 except:

- Auto shut-off when supply drops below 20V.
- 30A continuous automatic battery charging capacity
- Standby current 20mA
- 95% efficient at full load
- LxWxH: 155x136x63mm

08012

1 circuit reducer/charger

As 08010 except:

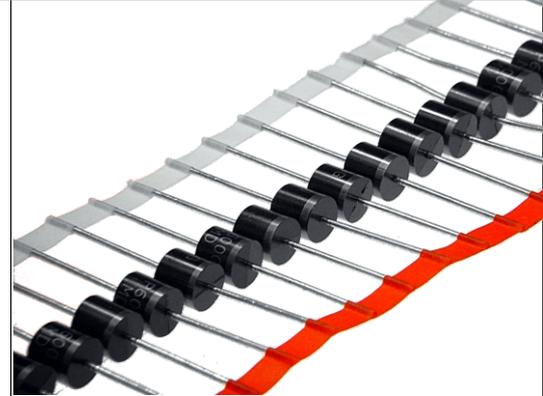
- Auto shut-off when supply drops below 20V.
- 20A continuous automatic battery charging capacity
- Standby current 45mA
- 98% efficient at full load
- LxWxH: 175x136x63mm



23070

Dual battery isolator solenoid.

- 12VDC / up to 100A charging system
- Minimal voltage drop
- Delayed start feature
- Spike proof
- Override function
- Cut-in - 13.2VDC
- Cut-out - 12.4VDC
- Inrush current - 400A
- Detects and indicates faulty or no auxiliary battery connection
- Detects and indicates under or over voltage on main battery
- Over voltage protection isolates auxiliary battery from damage
- Override function allows emergency jump start
- Simple Installation - with 2 mounting points
- Alarm L.E.D



08201

1A rectifier/blocking diode

- For 2-100VDC systems
- Peak reverse voltage: 300V
- Max blocking voltage: 300V
- Max RMS voltage: 140V
- Max surge current: 50A
- Body diameter: 2.7mm

08203

3A rectifier/blocking diode

- For 2-100VDC systems
- Peak reverse voltage: 1000V
- Max blocking voltage: 1000V
- Max RMS voltage: 700V
- Max surge current: 125A
- Body diameter: 5mm

08206

6A rectifier/blocking diode

- For 2-100VDC systems
- Peak reverse voltage: 1000V
- Max blocking voltage: 1000V
- Max RMS voltage: 700V
- Max surge current: 300A
- Body diameter: 9mm