

### Features

- High efficiency, cost effective power supply. Ideal for use in Intruder, Access Control and General Security applications.
- Universal mains input voltage 90-264Vac.
- Max. 1A current to load.
- Max. 0.5A to charge standby battery.
- High efficiency electronics for reduced running costs and lower operating temperature.
- Electronic short circuit and overload protection on load output under mains operation.
- Mains transient protection.
- Lid open & box removal tamper detection.
- Fault LED.
- Mains LED.
- Battery LED
- Mains Fail Output Relay

### Input Specification:

Voltage:	90-264Vac
Frequency:	50-60Hz
Max. Current:	1A
Mains Input Fuse:	3.0A 250V

### Output Specification:

Voltage	Nominal 27.6VDC when mains present
Max. Load Current	1.0A
Ripple	150mV pk-pk max.
Load output Fuse	1A
Overload Protection:	Electronics shutdown until overload or short circuit removed (under mains power only)

### Standby Battery:

Battery type	24VDC Lead Acid
Battery Capacity	2 x DC12V7Ah

### Local Indicators:

Fault LED:	Red indicating output fuse fail or battery fuse fail.
Mains LED:	Green indicating mains are normal.
Battery LED:	Orange indicating battery is in charging. Green indicating battery is full charged. Red indicating battery is in discharging.

### Signalling Output:

Lid & Rear Tamper:	N/O volt free contact (NOTE: contact closed when fixed to the wall and lid closed.)
Mains Fail Output Relay:	N/O or N/C volt free output

### Environmental:

Working Temperature:	-10°C~+40°C
Storage Temperature:	-20°C ~+60°C
Humidity:	95% RH non-condensing

### Terminals:

V+	+ voltage O/P to load equipment
V-	- voltage O/P to load equipment
B+	Red lead to standby battery
B-	Black lead to standby battery
Tamper	x2 Tamper volt free contact
N.C.	Relay close to com when mains presents (Open when no mains)
COM	Common terminal of Mains Fail Output Relay
N.O.	Relay open to com when mains presents (Close when no mains)

**Box Size:** W360xH330xD90mm Clam Lid Box, for 2x7Ah Batteries

