

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. 10A 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: | 10A |
| Mains Input Fuse: | 3.0A 250V |

Output Specification:

| | |
|----------------------|---|
| Voltage | Nominal 27.6VDC when mains present |
| Max. Load Current | 10A |
| Ripple | 150mV pk-pk max. |
| Load output Fuse | 10A |
| 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:

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|--------------|---|
| 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:

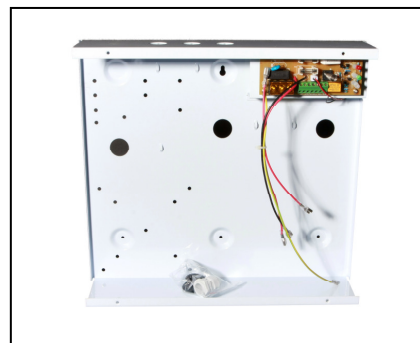
| | |
|--------------------------|---|
| Lid & Rear Tamper: | N/O volt free contact (<i>NOTE: contact closed when fixed to the wall and lid closed.</i>) |
| Mains Fail Output Relay: | N/O or N/C volt free output |

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