



## PS406-M3D

**24VDC Stand Alone 5.25 Amp PSU  
in Metal Cabinet  
Fits up to 2 x 26ah Batteries**

• W385 x D200 x H520mm



### Product Overview

Power supplies provide a stable and fully regulated, true 24V output for fire alarm system applications under all power conditions.

The unique regulation techniques ensure that even when running on standby batteries, a stable 24V supply is available to all parts of the system ensuring that all 24V powered devices connected are supplied with optimum power.

The powerful onboard microcontroller ensures that all battery types are conditioned with optimum, temperature compensated charging algorithms to maximise battery life and maintain batteries in top condition.

### Features

- 2.5A, 5.25A and 10A versions
- Regulated, true 24V output
- Intelligent battery charging and temperature compensation
- Status indicators for monitored faults
- Dual output option for powering fire alarm control panels remotely
- Fully enclosed and robust construction
- Approved to AS7240-4

<b>Specifications</b>	
Construction	1.2 mild sheet steel
IP Rating	IP30
Finish	Epoxy powder coated
Colour - lid & box	BS 00 A 05 grey - fine texture
Mains input supply voltage	240V AC 50/60Hz or 110V AC 50/60Hz (link selectable)
Mains supply fuse	250V, 3A, 5B, 5mm X 20mm
Load output voltage	19- 30V DC +/- 1%
Maximum ripple	1 Volt
Load fuse	5 Amp, self resetting Polyfuse
Maximum current draw from batteries	5 Amps
Battery charge output voltage	27.4V DC nominal at 20°C (temperature compensated from -5 to 40°C)
Battery charge current	Two stage, constant voltage. 1.25 Amps maximum
Deep discharge prevention	Battery disconnects at 19V
Operating temperature	-5 to 40°C
Common fault output	Normally energised volt free changeover relay – 30V DC 1 Amp
Battery disconnected output	Open collector 50 milliamps
Battery low output	Open collector 50 milliamps
Charger fault output	Open collector 50 milliamps
Earth fault output	Open collector 50 milliamps
Mains failed output	Open collector 50 milliamps
Fault output connector	14 way DIL header 0.1" spacing
Mains connector	3 way terminal, 7.62mm spacing, 2.5mm maximum cable size
Load connector	2 way terminal, 7.62mm spacing, 2.5mm maximum cable size
Battery connector	2 way terminal, 7.62mm spacing, 2.5mm maximum cable size
Front panel Power On indicator	Green LED
Front panel Fault indicator	Yellow LED