

Standalone Power Supply

HE-PSU(2.5A)



Features

- ▶ Enclosure mounted with battery space
- ▶ 110V or 230V input
- ▶ Regulated, true 24V output
- ▶ Intelligent battery charging and temperature compensation
- ▶ House up to 26Ah batteries
- ▶ Status indicators for monitored faults
- ▶ Dual output for powering fire alarm control panels remotely
- ▶ Fully enclosed and robust construction

Description

The HE-PSU(2.5A) is a fully certified to EN54-4 power supply providing 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.

The HE-PSU(2.5A) is housed in a robust, key-lockable enclosure and is suitable for a wide range of uses. The unit can be used in conjunction with the FIRElink range of air sampling detectors and those 'Smart-Fix' CHQ Modules that require an auxiliary 24Vd.c. power supply.

Specification	
Ordering codes	HE-PSU(2.5A)
Maximum load current	2.5 A
Supply voltage	230V AC 50/60Hz or 110V AC 50/60Hz (link selectable)
Load voltage (approx)	19 – 30 V d.c. $\pm 1\%$
Battery voltage	27.4 V d.c.
Maximum ripple	200 mA
Maximum current draw from batteries	5 Amps
Fault output	Normally energised volt free changeover relay – 30 V d.c. 1 A
Operating temperature range	-10°C to + 50°C
Compatible batteries	Yuasa – NP7-12, NP12-12, NP17-12, NP24-12 Powersonic – PS-1270, PS-12120, PS-12170, PS12260
Case colour / case material	BS 00 A 05 grey / 1.2mm fully welded sheet steel
Standard Max Charging (in 24hrs)	12.0Ah
Weight without batteries (Kg)	8.5 approx
Dimensions (mm)	W365 x H310 x D90