ESPintelligent

HE-PSU(5.25A)

STANDALONE POWER SUPPLY



Features

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

Description

The HE-PSU(5.25A) is a fully certified to EN54-4 power supply providing a stable and fully regulated, true 24 V output for fire alarm system applications under all power conditions. The unique regulation techniques ensure that even when running on standby batteries, a stable 24 V supply is available to all parts of the system ensuring that all 24 V 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(5.25A) 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 24 V dc power supply.

Specification

Ordering Code	HE-PSU(5.25A)
Maximum load current	5.25 A
Supply voltage	230 V ac 50/60 Hz or 110 V ac 50/60 Hz (link selectable)
Load voltage (approx)	19 – 30 V dc ±1%
Battery voltage	27.4 V dc
Maximum ripple	200 mA
Maximum current draw from batteries	5 Amps
Fault output	Normally energised volt free changeover relay – 30 V dc 1 A
Operating temperature range	-5 °C to + 45 °C
Compatible batteries (Max 17Ah)	Yuasa – NP7-12, NP12-12, NP17-12 Powersonic – PS-1270, PS-12120, PS-12170
Case colour / case material	BS 00 A 05 grey / 1.2mm fully welded sheet steel
Standard Max Charging (in 24hrs)	Capable of charging 26Ah batteries in 24 hours
Dimensions (mm)	W385 x H520 x D110

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For further information visit www.hochikieurope.com/esp

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