

# Stratos®

ASPIRATING SMOKE DETECTORS

## PS25 Power Supply

### Description

The PS25 is designed to provide a versatile solution for powering aspirating smoke detectors.

A high capacity intelligent 2.5 Amp power supply provides current for 'day-to-day' system operation while charging the back-up batteries for use in the event of a power failure.

24 hour mains fail battery back-up is possible using industry standard sealed lead acid batteries ideally suited for this application (2 x 12V batteries of up to 17 Ah capacity can be fitted inside the robust steel enclosure).

A relay output is provided for remote monitoring of mains fail and battery faults etc.

### Key Features

- 24V DC power supply for fire detection and alarm systems with mains supply monitoring and battery monitoring and recharging.
- Intelligent power supply module varies output to batteries and/or system as needed.
- 1900mA @ 24V DC total output available via two individually protected outputs for improved system fault tolerance.
- EN54 -4 compliant for accepted use throughout Europe, as required by most approval bodies.
- Neutral colours to match Stratos range of detectors.

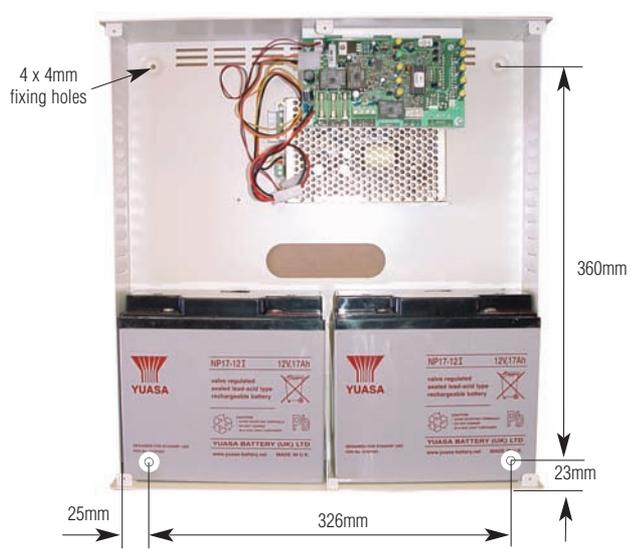
### Applications

Stratos® detectors and power supply units have been successfully applied in thousands of applications worldwide.

### SPECIFICATIONS

Supply Voltage	200v – 250v AC 50/60Hz
Max. Current Consumption	0.9A @ 200v AC
Output Voltage	27V ±1% (mains on)
Nominal Current Supplied	2.5A
Low Battery Threshold	22.0V
Battery Signal Threshold	20.4V
Operating Temperature Range	-5 to +40C
Operating Humidity Range	0 - 90% RH
Dimensions	383W x 408H x 97D (mm)
Cable terminal size	2.5m <sup>2</sup>
Weight (without battery)	6kg

ORDERING INFORMATION	
Part No.	Description
30826	PS25 2.5Amp Power Supply Unit
30822	12v 17Ah Battery (2 required)



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