

PSU

EN54-4 Compliant 10.25 Amp Power Supply



LPCB Ref. 360a

Features

- Continuous 8A load output while charging fully depleted batteries
- Charges up to 45Ah batteries
- Complies with EN54-4
- 94V to 253V AC input
- Mains fail monitoring with LED indication and output
- Battery disconnection monitoring with LED indication and output
- Low battery monitoring with LED indication and output
- Earth fault monitoring with LED indication and output
- Low battery cut out
- Temperature compensated battery charging
- Lightweight construction

Product Overview

- The S408 is an EN54-4 compliant, universal input switching power supply capable of delivering a full 290W of continuous power for fire alarm systems.
- Suitable for charging a range of sealed lead acid batteries from 7Ah to 45Ah, the S408 power supply features complete monitoring of primary and secondary power sources with fully temperature compensated battery charging and battery high impedance monitoring.
- The S408 power supplies are available as chassis only units or mounted in a range of enclosures suitable for various sizes of battery.

Panels

Product Code	Batteries	Size (mm)
S408 (Chassis only)	N/A	120 x 260 x 65
K25800M3	Up to 17Ah	385 x 520 x 110
K2580003	Up to 17Ah	500 x 355 x 117
K2580015	Up to 45Ah	500 x 460 x 190
K25800D3	Up to 45Ah	385 x 520 x 200
KD25800M3*	Up to 17Ah	385 x 520 x 110
KD2580003*	Up to 17Ah	500 x 355 x 117
KD2580015*	Up to 45Ah	500 x 460 x 190
KD25800D3*	Up to 45Ah	385 x 520 x 200

*With Dual Output Board

Technical

Construction	- 1.2mm mild sheet steel
IP Rating	- IP30
Finish	- Epoxy powder coated
Colour	- BS 00 A 05 grey - fine texture
Weight	- 2kg (Chassis only) 10kg (boxed unit)
Input voltage	- 94 to 253V AC 50/60 Hz
Output voltage	- 24V DC
Total output current	- 10.25A
Battery charge current	- 2.25A
Load current	- 8.0A (with flat battery)
Fault outputs rating	- 50mA max.
Mains fuse	- 5A 20mm HRC
Load fuses	- 10A (self resetting)
Mains failed warning	- Switched -ve output
Battery disconnected warning	- Switched -ve output
Battery low warning	- Switched -ve output
Battery overcharge warning	- Switched -ve output
Earth fault warning	- Switched -ve output
Common fault output	- Switched -ve output
Operating temperature	- -5 to +50 deg. C



ALARMTEC AS, TÖÖKOJA 1, TALLINN
Tel: (+372) 6 511 500, www.alarmtec.ee



Boxed Power Supply
to match Syncro Style