



# POWER SUPPLY UNITS

## EN54-4 Approved 10.25 Amp Power Supply

### Features

- ▶ Continuous 8A load output while charging fully depleted batteries
- ▶ Charges up to 45Ah batteries
- ▶ Approved to 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



### Description

The K408 is an EN54-4 approved, 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 K408 power supply features complete monitoring of primary and secondary power sources with fully temperature compensated battery charging and battery high impedance monitoring.

The K408 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)
K408 (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

## Specification

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	2.25 Amps max.
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