

# POWER SUPPLY 5A

## AE/FL-5AE

### Description

5 A switched power supply, designed specifically for fire systems according to EN54 standards. Certified EN54-4:1997, A1:2002 and A2:2006. Includes intelligent battery charging using EcoCharge technology. It has mains and battery monitoring with independent voltage-free output relays and protection against deep battery discharge in case of prolonged mains failure. The inclusion of LED indicators provides quick diagnosis of the status of the power supply.



### Main features

- 27.6Vdc output
- Switched power supply
- Energy efficiency:
  - More efficient operation
  - Save energy
  - Longer useful life
  - Fault tolerant
- Intelligent battery monitoring and charging using Eco-Charge technology
- Protection against deep discharges
- Remote fault signaling
- Full rated current to load plus additional current for battery charging
- Voltage-free output relay - EPS:
  - Mains fail
- Voltage-free output relay - PSU fault:
  - Battery fault
  - Charger fault
  - Loss of output
- Pmains transient protection
- Ability to charge up to 2x65Ah batteries housed in a separate enclosure (BATT-BOX-65-BLACK)

TECHNICAL CHARACTERISTICS		CERTIFICATIONS
Output voltage	27.6Vdc	Certificate EN54-4:1997 +A1: 2002 +A2: 2006 UKCA   CE Mark RoHS Compliant
Mains Input	110-240Vac	
Maximum connection use	5A	
Dimensions	420 height x 400 width x 80 depth (mm)	
Capacity to house batteries	2 x 12V 17Ah	
Operating temperature	from 5°C to 49°C at 95% RH	
LED indication	Mains status and faults	