



ST Power Supply Range

EN54 - Fire



Switch Mode
Technology

Product Overview

The ST range of switch mode power supplies has been designed for use in building fire systems. Available in either 2A or 5A versions they are fully compliant with EN54-4:1997, A1:2003 & A2:2007.

The units include intelligent battery charging, mains and battery monitoring with independent volt-free outputs. They also feature deep discharge protection for the batteries in the event of a prolonged mains failure

The inclusion of LED status indicators provides quick diagnostics to the user and/or engineer.

The standard unit will fit up to 2 x 12V 17Ah batteries. A separate battery box is also available on request to house 2 x 12V 38Ah if greater backup times are required (5A version only).

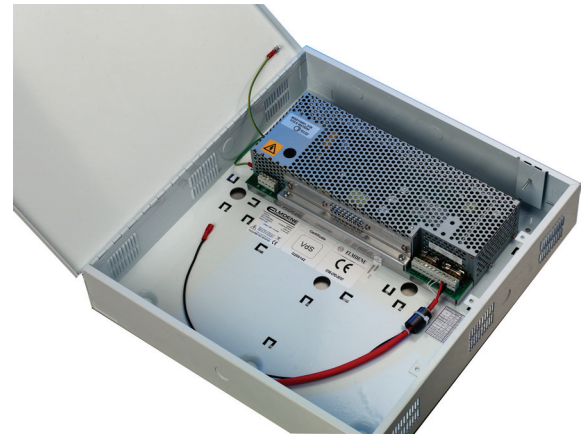
Advantages of Switch Mode Technology

Elmdene products using switch mode technology are typically 80-87% efficient. This can save your customers money by reducing their power bills and carbon footprint.

Switch mode technology also makes for more reliable products in the field as they are less likely to overheat and subsequent failure.

Features

- 27.6V dc output
- Cost effective switch mode technology
- Energy efficient
 - More efficient in operation
 - Saves power reducing power bills
 - Longer life in the field
 - Less prone to failure
- Intelligent battery charging and monitoring
- Deep discharge protection
- Remote fault signalling
- Full rated current to load plus additional current for battery charging
- LED indication:
 - Mains status
 - Output fault
 - Battery fault
 - Charger fault



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- Volt-free fault output - EPS:
 - Mains fail
- Volt-free fault output - PSU fault:
 - Battery fault
 - Charger fault
 - Loss of output
- Mains transient protection
- Screen printing available
- 3 Year warranty

Approvals

CE Mark
RoHS Compliant
VdS Certificate No. G209142

Technical Information

Mains input	93–264V ac
Output	27.6V dc
Maximum current	2A / 5A
Operating temperature	-10°C to 40°C at 95% RH

Product Dimensions and Weight

L x W x D: 420 x 400 x 80mm
Weight approx 6kg

