2402ST-E

EN 54-4 Approved, 27.6 V 2.5 A Intelligent Power Supply

The Product

The 2402ST-E is a fully featured EN54-4 approved power supply ideal for use in fire system applications. It features intelligent battery charging, monitoring and signaling. Regulated 27.6 VDC output will source up to 2.5 A into the load.

The load output features full electronic short circuit protection under both mains and standby battery operation. Maximum battery life is assured through continuous active battery monitoring and 3 different charge levels: bulk (fast charge), absorption and temperature compensated float. Deep discharge protection prevents premature battery failure when operating from standby for extended periods.

Inside the unit, a diagnostic led with various flash patterns, ensure accurate diagnostics when the unit is in fault.

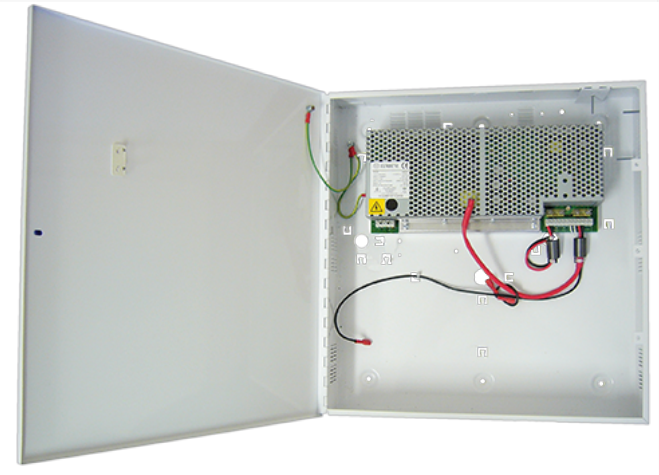
Installer friendly

A PM702C power supply is supplied in a self-contained, wall mounting box that can also house 17 Ah batteries (not included). The battery charging circuit is energised only when a battery is correctly connected and the battery voltage is greater than 14 V.

A green and a red LED that is visible when the box is closed, indicates mains present and faults. A red diagnostics LED inside the unit, distinguish between various faults by way of various flash patterns.

A potential-free contact is used to signal faults due to output failure, battery fault, charger fault or internal fault. A second potential-free contact signals the loss of mains power.

The unit start-up automatically under battery i.e. connect battery and unit runs. There is no need for mains to be present and is very useful for commissioning on new build installations.



Detaljer

- Approved to EN54-4 & VdS certified
- Self contained box houses 17 Ah batteries
- Electronic overload protection
- Deep battery discharge protection
- Mains & Fault LED indicators
- Fault diagnostics led, inside of unit
- 2 x Relay outputs
- Wide input voltage range
- Start-up from batteries

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Tekniske specifikationer

Output

Voltage	24 VDC
Current	2.5 A
Output Current	2.5 A

Physical

Physical dimensions	400 x 420 x 80 mm
Net weight	5.5 kg (without batteries)

Environmental

Operating temperature	-10 to +40°C (operating)
Storage temperature	-20 to +80°C
Relative humidity	75% noncondensing

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