

2849 1 AMP CHARGER UNIT**APPLICATIONS**

The 2849 24V DC 1 Amp battery charger is suitable for powering low current devices such as beam type smoke detectors, small control panels and address units, which require a secondary power supply in the event of an electrical mains supply failure. The charger is housed within an enclosure with space to accommodate sealed lead acid batteries and ancillary devices.

**FEATURES**

- Constant voltage with integral over current and over-temperature limiting
- Suitable for sealed lead acid batteries
- Extra 15V output for CMOS circuitry
- Mains, charger and battery monitoring
- Integral space for up to 17 AH sealed LED batteries

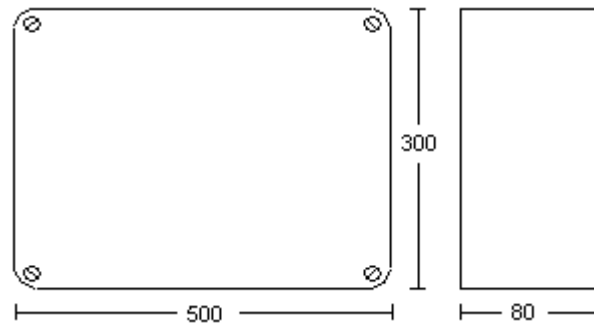
OPERATION

With the 2849 1 Amp Charger Unit, the Monolithic Voltage Regulator maintains the Sealed Lead Acid batteries in a fully charged state. In the event of the electrical mains supply failing, the integral batteries support the load.

A fault output is generated in the event of a mains, charger or battery fault as required by BS5839. It is indicated via an internal fault LED, and is transmitted back to, for example, a remote fault indicator, via a common fault output terminal.

Space is available to accommodate additional devices such as addressable relays, interfaces, zener barriers, etc.

APPROVALS : Suitable for use on BS 5839 Part 1 : 2002 type systems



SPECIFICATION

Order Code	2849
Supply Voltage	240 V 50 Hz
Operating Voltage	24 V DC nominal
Max Load	200mA continuous : 1A peak
Operating Temperature	0°C to +55°C
Battery Accommodation	15 A/H max
Material	Grey plastic
Weight	3.5 kg
Dimensions	300 H x 500 H x 80 D
Ingress Protection	IP20