

PS53-24-PSU02Z  
**Power Supply / Battery Charger**  
**To EN54 Latest Amendment, with Battery Impedance Testing**  
**24V 2A Unit**



Features

- **24V Power Output & Temperature Compensated Battery Charging up to 2A**
- **Fully Boxed**
- **Fully Protected Against Overload and Short Circuit with Automatic Recovery**
- **MOS FET Load Shed**
- **Electronic Reverse Battery Protection**
- **Mains Fail Indication by LED and Volt Free Contacts**
- **Battery Missing Indication by LED and Volt Free Contacts**
- **Sophisticated Processor Controlled Battery Impedance Measurement with LED Indication for Fail and Volt Free Contact Changeover for Fail**
- **Temperature Compensation to Recommend Volts per Cell Over -10C to +50C Range**
- **Automatic Battery Disconnect in the Event of Over Voltage**
- **Processor Fail Detection in Accordance with EN54**
- **Size: 171mm x 101mm x 54mm**
- **Safety to EN60950**



Power Supply Design & Manufacturing  
6-7 BLOOMFIELD PARK, BLOOMFIELD ROAD, TIPTON, WEST MIDLANDS, DY4 9AP

Tel: 44 (0) 121 557 6499  
Fax: 44 (0) 121 557 6498

[www.psudesigns.co.uk](http://www.psudesigns.co.uk)  
[sales@psudesigns.co.uk](mailto:sales@psudesigns.co.uk)

VAT No: GB 648 5492 95

Reg No: 2600288