

Datasheet

RS Pro Battery Charger

RS Stock No: **885-3672**



Product Details

RS Pro battery charger yields 12 V output voltage at 5 A charge current. It is designed for continuous float charge and standby power applications. The switch mode technology provides major advances in power supply and battery charger design. It gives compact and lightweight construction, improved efficiency and low heat dissipation. It has a wide supply voltage tolerance and low output ripple. The chargers are configured for fast, accurate charging, to give optimum battery life and reliability. The charger's output can be OEM-configured for optimal charging of different cell types includes vented/wet lead acid, calcium-calcium, sealed VRLA (AGM or gel), NiCd or custom requirements. The battery charger meets EN 60065, EN 61000-6-2, EN 61000-6-4, 2004/108/EC standards.

Features and Benefits

- AutoBoost and temperature compensation
- Open-frame with protective cover, for surface mounting inside a panel
- Suitable for stationary engine, genset and standby power applications
- Switch mode power supply technology: light and compact, power efficient with low heat dissipation
- Multistage, low ripple charging: 12 V/5 A or 24 V/5 A
- Versatile: OEM-configuration gives optimized output for different battery types, plus programmable I/O functions

Specifications:

Battery Type Charged	Vented Lead Acid, Calcium-Calcium, Lead Acid Antimony, AGM, VRLA Gel, NiCd
Mounting Style	Panel Mount
Number of Charge Stages	2
Standards Met	2004/108/EC; EN 60065; EN 61000-6-2; EN 61000-6-4; RoHS Compliant
User Interface	USB
Charge Current	5 A
Dimensions	135 x 108.6 x 45 mm
Input Voltage	95 to 265 V ac
Maximum Operating Temperature	+60°C
Minimum Operating Temperature	-30°C
Operating Temperature Range	-30 to +60°C
Output Voltage	24 V dc
Output Voltage @ Charge Current	24 V dc at 5 A
Weight	0.65 kg
Input Frequency Range	47 to 63 Hz