



Autometers Alliance Ltd

6.5 kW SMPS BATTERY CHARGER



Autometers Alliance Ltd offers 6.5 kW Battery Charger with integrated SMPS technology. The product has a proven track record of reliability in performance under varying conditions.

Salient Features

- Integrated SMPS technology
- Compact, light weight and rugged construction
- Requires minimum maintenance
- Options for Float and Boost mode charging.
- Very low voltage and current ripples
- LCD display
- Data logging facility
- Facility to receive data via RS 232 communication on laptops for line data monitoring
- Low noise level
- Indications for lead tin or VRLA battery selection, float or boost mode charging and battery reverse polarity



Application

The battery charger is used in LHB type coaches as a DC voltage source for loads, as well as, to charge batteries.

Complete protection for:

- Output over voltage and under voltage
- Output short circuit
- Input and output fuse provided for protection of semiconductor devices
- Battery over temperature
- Head sink over temperature
- Battery reverse polarity
- Input under voltage or over voltage
- Single phase protection and functioning at reduced load (35%)

Technical Specifications

Factors	Values
Input voltage	415 V \pm 15%, 3-phase AC
Input frequency	50 Hz \pm 10%
Output voltage	130 V DC
Output current	50 A DC



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