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Autometers Alliance Ltd

SMPS BATTERY CHARGER 4.5KW + 2.5KW



Autometers Alliance Ltd offers 4.5kw Underslung constant voltage regulated cum 2.4kW emergency battery charger with integrated SMPS Technology.

Product Details

- Integrated SMPS Technology
- Compact, light weight and rugged construction
- Facility to receive data via commercially available Pean Drive
- Data logging facility
- Very low voltage and current ripples
- Low noise level
- Indications for battery reverse polarity
- IGBT based & DSP controlled
- Constant voltage with current limiting feature
- Protection against ingress of water is IP-65 for complete unit
- Capability to function and deliver in single phasing condition
- Settable output DC voltage

Application

The Battery Charger is used for DC load and Battery charging requirements for both AC and Non AC coaches. For redundancy it incorporates Emergency Battery Charger of 2.5 kW (for critical loads)

Technical Specifications	
Input Voltage	415 V \pm 15%, 3-phase, 50 Hz \pm 3%
Output Voltage	110V to 135 V DC (settable with the help of Key pad)
Output current	35A
Battery charging current	10A to 15A (settable with the help of Key pad)
Other Loads	20A
Type & Ah rating of batteries	Lead acid, 70/120 Ah (both flooded and VRLA)
The Emergency Battery Chargers (EBC)	
Input Voltage	240 V \pm 15%, 1-phase, 50 Hz \pm 3%
Output voltage	110 V \pm 5% V DC
Output current	22A
Output Power	2.5 KW (Max.)



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