

EPS BATTERY CHARGER

12V 25A

BC31007

- EPS Battery Chargers are designed and manufactured to suit the needs of the electric scooter user.
- The multi-stage charger will first lightly charge the batteries, then boost charge to reduce the time required to charge the batteries.
- When the batteries are fully charged, the charger reduces the voltage and consequently the current maintains the batteries by applying small pulses to ensure the batteries are at their peak performance when needed.



BC31007

BATTERY CHARGER

SPECIFICATIONS



Features

- Compact size and light weight
- Short-circuit and reverse polarity protection
- Switch for mute function and a switch field for the selection of the charging voltage and timer function
- Used for Golf Buggies, Automotives, Powered Wheelchairs & Mobility Scooters

Specifications Input

Input	180-260VAC 90-260VAC
Frequency	47-63Hz
Isolation	Internal Primary Input-Output 3000VAC Input Case 2500VAC Out-Case 500VAC
Safety	Designed to IEC950
EMI-EMC	FCC Class B, CE, C-Tick
Standard	AS3193
Input Connection	3 Core SAA Cable IEC

Specifications Mechanical

Dimensions	315(L) x 205(W) x 75(H)
Material	Extruded Anodised Aluminium
Weight	3.2kg
Cooling	Fan Cooled

Specifications Electrical

Battery Connections	2
Topology	Switching DC Power
Efficiency	5%
Boost Voltage	14.4/14.8VDC
Float Voltage	13.8VDC
Output Charge Current	25 Amps
Maximum Battery Capacity	300Ah
Fuse	T4 A/250V
Short Circuit Protection	Output shutdown
Over Current Protection	Secondary Current Limited
Reverse Polarity Protection	Internal Fuse and External Relay
UO Phase Limitation	4 to 8 Hours

Specifications subject to change without notice.



QUALITY CERTIFIED
ISO 9001 : 2015



ENVIRONMENT CERTIFIED
ISO 14001 : 2015



SAFETY CERTIFIED
ISO 45001 : 2018

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