

# EPS BATTERY CHARGER

## 12V 20A

### BC31006

- 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.



# BC31006

## BATTERY CHARGER

## SPECIFICATIONS



### Features

- Universal AC input
- RoHS Compliant
- IP54 protection for damp environment
- Overvoltage, overcurrent, short-circuit and reverse polarity protection
- 5 stage charging control
- Used for Golf Buggies, Automotives, Powered Wheelchairs & Mobility Scooters
- This unit comes standard with Alligator Clips but can be modified to a Cannon Plug on request

### Specifications Input

Input	100-240VAC
Frequency	47-63Hz
Safety	Designed to IEC950
EMI-EMC	FCC Class B, CE, C-Tick
Standard	AS3193
Input Connection	3 Core SAA Cable IEC

### Specifications Mechanical

Dimensions	210(L) x 130(W) x 60(H)
Material	Extruded Anodised Aluminium
Weight	2.1kg
Cooling	Convection Cooled

### Specifications Electrical

Topology	Switching DC Power
Efficiency	5%
Boost Voltage	14.7VDC
Float Voltage	13.8VDC
Output Charge Current	20 Amps
Line Regulation	± 0.5% over input range
Load Regulation	± 1% 0-100% load
Short Circuit Protection	Output shutdown
Over Current Protection	Primary power limited
Reverse Polarity Protection	Internal relay

Specifications subject to change without notice.