

# EPS BATTERY CHARGER

## 12V 14A

### BC31005

- 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.



# BC31005

## BATTERY CHARGER

## SPECIFICATIONS



### Features

- Simple LED
- Fully automatic operation
- Suitable for batteries up to 70Ah
- Suitable for up to 100Ah in standby or float
- 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

<b>Input</b>	200-260VAC
<b>Frequency</b>	47-63Hz
<b>Isolation</b>	Internal Primary Input-Output 3000VAC Input Case 2500VAC Out-Case 500VAC
<b>Safety</b>	Designed to IEC950
<b>EMI-EMC</b>	FCC Class B, CE, C-Tick
<b>Standard</b>	AS3193
<b>Input Connection</b>	3 Core SAA Cable IEC

### Specifications Mechanical

<b>Dimensions</b>	125(L) x 127(W) x 57(H)
<b>Material</b>	Extruded Anodised Aluminium
<b>Weight</b>	2.25kg
<b>Cooling</b>	Convection Cooled

### Specifications Electrical

<b>Topology</b>	Switching DC Power
<b>Efficiency</b>	5%
<b>Boost Voltage</b>	14.7VDC
<b>Float Voltage</b>	13.8VDC
<b>Output Charge Current</b>	14 Amps
<b>Line Regulation</b>	± 0.5% over input range
<b>Load Regulation</b>	± 1% 0-100% load
<b>Short Circuit Protection</b>	Output shutdown
<b>Over Current Protection</b>	Primary power limited
<b>Reverse Polarity Protection</b>	Internal relay

Specifications subject to change without notice.