



Unit 111, Dunston Innovation Centre  
 Chesterfield, S41 8NG, U.K.  
 T e l : + 44 (0) 1246 452909  
 F a x : + 44 (0) 1246 452942  
 W e b : w w w . e t p s . c o . u k  
 E m a i l : s a l e s @ e t p s . c o . u k  
 S a l e s : 0 8 0 0 6 1 2 9 5 7 5

# BC-AUTO

# Automatic Battery Charger

## Description

The BC-AUTO is suitable for charging 12V lead acid batteries in the range of around 35 to 70AH. The unit can be fitted to float charge the battery and will automatically turn off the charging current when the battery reaches approx. 14V and will start charging when the battery voltage falls to about 12.8V. This avoids overcharging or gassing the battery and compensates for spontaneous discharge.

Suitable for charging lead batteries



- LED indication for supply voltage & charge control
- Permanent 6A charging current (peak 8A)
- Automatic charging current adjustment

## Technical Data

Technical Data	BC-AUTO
Operating Voltage	230VAC
Mains Frequency	50 - 60Hz (+10%/15%)
Primary Fuse	Fine-wire fuse 5 x 20mm, 250V, 630mA, surge proof (charger rear panel)
Secondary Fuse	Fine-wire fuse 5 x 20mm, 250V, 6.3A, surge proof
Power Consumption	Maximum 102VA at 6A charging current, 150VA at full load operation
Charging Voltage	Approx. 13V (automatic turn-off in case of short-circuit)
Charging Current	Continuous 6A, maximum 8A
Degree of Protection	Safety class II - degree of protection Ip20
Weight	2kg
Dimensions	120 x 80 x 170mm
Cut-off Voltage	13.8V (no overcharging)
Turn-on Voltage	12.8V (deep discharge batteries can be charged from 10.5V), minimum battery voltage: 10.5V
Turn-off Voltage	14.5V
Display	RED LED: supply voltage control GREEN LED: charge control
Standards	EMC tested, DIN VDE 0700 (EN60335)

Every effort is made to ensure that the information provided within this technical summary is accurate. However, ET must reserve the right to make changes to the published specifications without prior notice. Where certain operating parameters are critical for your application we advise that they be confirmed at the time of order. ET specialises in modifying its proven platforms to suit your needs. Please contact our office if your requirement is non-standard. Please note that your actual unit may differ from those shown.