

# Automatic Battery Charger - (Series BABB)



## Application:

BPS battery chargers Series BABB are fully automatic battery charger. They are designed for charging dedicated batteries, for control devices, DG sets etc where number of batteries to be charged are fixed.

## Function:

BABB chargers are fully automatic and reliable chargers. These have heavy duty copper -double wound step-down transformer, Diode-Scr controlled full bridge, monitoring circuit for battery voltage and charging current. Charging mode from Boost to Trickle are selected automatically- depending the condition of the battery.



Protection against Reverse connection of Battery, Over Load, Hi-temperature provided beside fuses for Mains incoming and DC output are provided.

The charger has auto scrolling digital meter to read charging voltage and charging current. LEDs are provided to indicate charger status on the front panel. The charger has 3 pin Mains cord for connection to mains and output are terminated by Red and Black terminals.

**Auto Trickle / Boost selection**  
**Over current protection**  
**Battery Reverse Protection**  
**Heavy duty transformer**  
**Controlled Bridge Rectifier.**

## Note:

\* These charges are designed for table top mounting and indoor use only.

## Technical Specifications:

Input	: 230 V AC through 5/ 15 Amps Cord.
Battery Volts	: 12/24/30/48V (as per selected model)
Charging Current	: 10/15/20/25/30/50 A(as per selected model)
Transformer	: Copper Double wound - Heavy duty.
Rectifier	: Diode/ Scr full wave bridge.
Model selection	: Automatic - Boost/ Trickle.
Instrumentation	: Digital Volt/ Amps - scrolling.
Indications	: Mains, Boost, Trickle, Over Load, Bat. Rev.
Housing	: Sheet Steel.
Finish	: Powder Coat paint
Mounting	: Table Top
Terminations	: Mains by 3 pin Mains cord and Red & Black terminals for DC output.