

Automatic Battery Charger Series - PABD



Function:

Reliable Charger is a must for dedicated back up supply source for industrial control devices, starting of DG Sets. Series BABC chargers are having I C Controlled voltage monitoring circuitry for constant check on battery voltage and automatic selection of mode of charging. Till battery is fully charged, it is under BOOST mode ensuring quick charging. When battery reaches pre-set voltage, it is shifted to float mode. it has heavy duty-double wound transformer, Full wave bridge rectifier, over load control, Protection against Battery reverse connection.



Application:

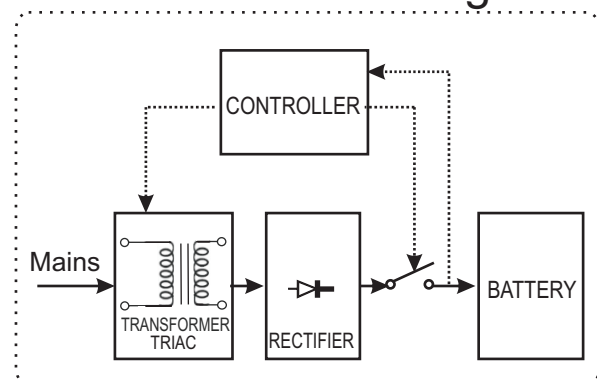
Battery Charging for dedicated systems.

Specifications:

Mains Supply	: 230 V AC +/- 10 % 50 Hz.
Battery Volts	: 12, 24, 30, 36, 48 V.
Battery AH	: 100-400 AH
Charging Current	: 10, 15, 20, 25, 30, 50 A.
Transformer	: Copper Double wound- Heavy duty
Rectifier	: Full wave Bridge
Mode selection	: Automatic Boost / Float
Protection	: Charger a) Mains incoming fuse b) Out put fuse c) Over Load d) Battery Reverse Connection
Battery	: a) Over Charging b) Controlled charging rate
Instruments	: Amps meter for Charging rate Volt meter for battery/ charger voltage
LED Indications	: a) Mains b) Boost c) Float d) Over Load e) Battery Reverse
Terminals	: Input supply by 3 pin Main cord Out put by heavy duty terminals.
Enclosure	: Heavy duty Sheet Steel enclosure finished with Powder coated.

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

Block Diagram:



Model No. **PABD** **XX** **XX**

Charging Current
Battery Voltage.

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