

## BATTERY CHARGER (12V/10A)



### Salient Features:

- ⇒ Application for Battery Bank Charging
- ⇒ Works on 230V AC Mains
- ⇒ High Efficiency Battery charging
- ⇒ Suitable for battery banks of 12V This System is capable of charging the batteries in constant voltage and constant current mode
- ⇒ Constant Voltage/Current selection through potentiometers
- ⇒ Wide input range high efficiency
- ⇒ Output Voltage adjust from 2V to 12V
- ⇒ Output Current adjust from 1A to 10A
- ⇒ MCB for I/P protection & ON/OFF purpose
- ⇒ Digital panel meters for O/P voltage and current display
- ⇒ Reverse polarity through fuse
- ⇒ Portable tool for battery maintenance

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SPECIFICATIONS	
<b>Configuration</b>	
<b>BATTERY PACK</b>	<b>12V</b>
<b>BATTERY CHARGER</b>	<b>Charger, 12V with all necessary protections</b>
<b>CHARGER Specifications</b>	
Voltage	12V Nominal
Current	10AH-100AH
Line Regulation	+/- 1%
Load Regulation	+/- 1%
Ripple	<1%
<b>Constant Current Mode</b>	
Line Regulation	+/- 1%
Load Regulation	+/- 1%
Ripple	<1%
<b>General</b>	
Input Voltage	230V AC $\pm 10\%$ , 1 phase, 50Hz
Input Supply protection and control	MCB
Output supply protection and control	Overload, over-voltage, Short-circuit Protections
Indicators	output voltage, charging current
Stabilization	Output DC supply will be stable against variations in input mains AC supply.
Cabinet	Charger housed in a cabinet with suitable output terminals.
Dimensions	380mm W x 250mm D x 90mm H (Approx)
Operating Temperature	0°C to + 55 °C

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