

BATTERY CHARGER (30V/50A)



Salient Features:

- ⇒ **Application for Battery Bank Charging**
- ⇒ **Works on 230V AC Mains**
- ⇒ **High Efficiency Battery charging**
- ⇒ **Suitable for battery banks of 30V**
- ⇒ **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 30V**
- ⇒ **Output Current adjust from 1A to 50A**
- ⇒ **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	
Configuration	
BATTERY PACK	30V
BATTERY CHARGER	Charger, 30V with all necessary protections
CHARGER Specifications	
Voltage	30V Nominal
Current	10AH-500AH
Line Regulation	+/- 1%
Load Regulation	+/- 1%
Ripple	<1%
Constant Current Mode	
Line Regulation	+/- 1%
Load Regulation	+/- 1%
Ripple	<1%
General	
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	160mm W x 380mm D x 150mm H (Approx)
Operating Temperature	0°C to + 55 °C

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