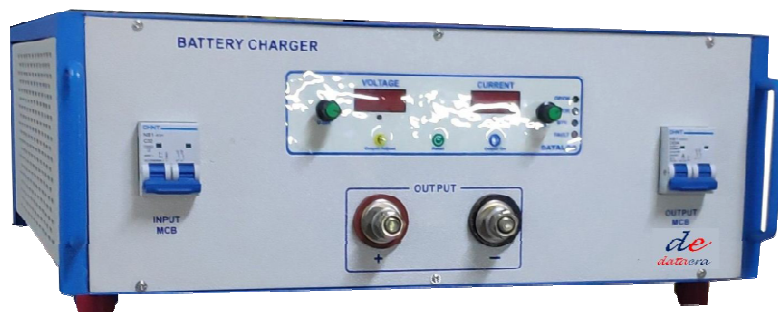# DSP Based BATTERY CHARGER (60V/60A)

Salient Features:

⇒ **Application for Battery Bank Charging**

⇒ **Works on 230V AC Mains**

⇒ **High Efficiency Battery charging**

⇒ **Suitable for battery banks of 24V, 36V,48V and 60V**

⇒ **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 12V to 65V**

⇒ **Output Current adjust from 1A to 60A**

⇒ **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	**60V**
BATTERY CHARGER	**Charger, 60V with all necessary protections**
CHARGER Specifications	
Voltage	60V Nominal
Current	10AH-600AH
Line Regulation	+/- 1%
Load Regulation	+/- 1%
Ripple	<1%
Constant Current Mode	
Line Regulation	+/- 1%
Load Regulation	+/- 1%
Ripple	<1%
General	
Input Voltage	230V AC ±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	480mm W x 460mm D x 175mm H (Approx)
Operating Temperature	0ºC to + 55 ºC