

## **CELL BOOSTER (15V/120A)**



### **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 15V**
- ⇒ **Output Current adjust from 1A to 120A**
- ⇒ **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>15V</b>
<b>BATTERY CHARGER</b>	<b>Cell Booster, 15V with all necessary protections</b>
<b>CHARGER Specifications</b>	
Voltage	15V Nominal
Current	1A-120A
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	120mm W x 450mm D x 300mm H (Approx)
Operating Temperature	0°C to + 55 °C

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