

**48V6A EV CHARGER**    **60V6A EV CHARGER**  
**48V10A EV CHARGER**    **60V10A EV CHARGER**



## Salient Features

- Earth leakage protection as per AIS 156 Phase-II
- Inbuilt CAN communication as per AIS 156 Phase-I
- Designed to meet adverse Indian power condition
- Two stage (CC-CV Mode) charging profile suitable for Li-ion & LFP batteries
- Zero voltage start up facility
- Compact design easy to carry
  - Wide input operating range 170V-300V
  - High efficiency – consumes less power
  - Accurate battery charging voltage & current limit.
  - Battery reverse polarity protection.
  - Overload protection.
  - Over temperature shutdown with auto recovery.

## SPECIFICATIONS

### AC Input

AC Input AC Input Voltage - range :	170 - 300 VAC	AC Input Voltage - nominal :	230 VAC rms
AC Input Frequency :	47 - 53 Hz AC	Input Current - maximum :	6A rms
Inrush current :	<40A		

### DC Output

	<b>48V6AEV Charger</b>	<b>60V6A EV Charger</b>	<b>48V10A EV Charger</b>	<b>60V10A EV Charger</b>
Maximum DC Output Voltage : (Voltage Can be settable as per customer requirement)	54.6V ± 0.2V DC	67.2V ± 0.2V DC	54.6V ± 0.2V DC	67.2V ± 0.2V DC
Output Current :	6A	6A	10A	10A
Efficiency :	>85%	>85%	>85%	
Output Line & Load Regulation :	Tolerance 2% at cable end			
DC Ripple / Noise :	<600mV / <1200mV Pk-Pk			
Communication :	CAN 2.0A & 2.0B			

### Protections

Output over load	: Available
Output short circuit	: Available
Output over voltage	: Available
Output under voltage	: Available
Over temperature with auto recovery	: Available
Battery reverse	: Available
Safety timer	: Available
Zero start-up (Battery wake-up) or Deep discharge battery wake-up	: Available
Earth leakage detection	: As per IS12640 class-I

### Environmental

Operating Temperature	: 0°C to +50°C
Humidity	: 95RH± 5 %

### Mechanical

Enclosure	: Aluminium
Dimensions	: W=123mm, H=68mm, D=200mm
Weight	: 2 Kg
AC input connector	: 1.5 meter length with 3core, 3pin AC plug
DC output connector	: Chogori (or) As per customer requirement

### Operation

Mains ON LED	: Red LED
Output ON LED	: Red LED
Charging	: Battery charging status LED's blink
Charge Complete	: Output OFF, all Green LEDs Constant