

PRODUCT SPECIFICATION

MODEL NAME	EV CHARGER 300WATT	
CHARGER RATING	72V, 3.2A	60V, 4A
Battery Pack	28Ah, 72V, Lead Acid	28Ah, 60V, Lead Acid
Nominal Input Voltage	230V	
Nominal Input Current (RMS)	2.55A+/-15%	
Input Operation Voltage	125-300V	
Input Power Factor	>0.5	
Max. Input Power	320W+/-10%	
Mains AC Low Cut	95VAC ± 5VAC	
Mains AC Low Cut Recovery	120VAC ± 10VAC	
Input Frequency Range	50-60Hz	
Battery Type	Lead Acid/VRLA	
DC Output Voltage Range	63 V to 87V	52.5 V to 72.5V
Battery Quantity Required 12V (28Ah)	6	5
Float Charging Voltage	81.6V±0.5V	68.0V±0.5V
Boost Charging Voltage	87.0V±0.5V	72.5V±0.5V
Battery Charging Current	3A ± 0.3A	4A ± 0.3A
PROTECTIONS		
Short Circuit Protection	Yes, Provided	
Over Temperature	Yes provided, if Mosfet heat sink temperature goes above 110°C System will decrease the charging current	
Reverse Battery	Red LED will glow	
DISPLAY PARAMETERS		
LED	Charging LED, Charged LED, Reverse Battery LED, Battery connected	
SAFETY		
HV Test Input to Output	Leakage current <5mA when 3.75kV applied for 1 min	
ENVIRONMENT		
Operating Temperature	0°C to 50°C	
Storage Temperature	0°C to 50°C	
Operating Relative Humidity	90% Non-Condensing	