THUNDERVOLT POWER

EV CHARGING STATION

EV-HS100 Series

PRODUCT OVERVIEW

The EV-HS100 Series is a Level 2 charger that is compatible with OCPP1 and designed for residential use.

FEATURES

- Easy to install
- Three casing design
- IP54 / IK10
- OCPP1.6 J/2.0.1 Upgradeable
- RDID(ISO/IEC14443 A/B)
- Integration App
- 2.5" Digital Screen
- Wi-Fi, Bluetooth, LAN or 3G/4G optional

APPLICATIONS

- Home charging
- Multi-family housing complex charging
- Corporate office complexes
- Hotels & resorts
- Restaurants
- Entertainment venues
- Fleets
- Customer loyalty programs

Product Description

PART#	DESCRIPTION	INPUT VOLTAGE	CURRENT	CHARGING INTERFACE	POWER
EV-HS100-A32	7.6kW Type 2 Charger	208-240Vac	32A	SAE J1772 Type 1 / NACS	7.6kW
EV-HS100-A40	9.6kW Type 2 Charger	208-240Vac	40A	SAE J1772 Type 1 / NACS	9.6kW
EV-HS100-A48	11.5kW Type 2 Charger	208-240Vac	48A	SAE J1772 Type 1 / NACS	11.5kW

Specifications

MODEL#	EV-HS100-A32	EV-HS100-A40	EV-HS100-A48
POWER SPECIFICATION			
Input AC Rating	208-240Vac		
Input Max AC Current	32A	40A	48A
Frequency	60Hz		
Max Output Power	7.6kW	9.6kW	11.5kW
USER INTERFACE & CONTROL			
Display	2.5" Digital Screen		
User Authentication	RFID (ISO / IEC14443 A/B), APP		
COMMUNICATION			
Network Interface	LAN, Wi-Fi and Bluetooth Standard, 3G/4G Optional		
Communication Protocol	OCPP1.6 J / OCPP2.0.1 Upgradeable		
ENVIRONMENTAL			
Operation Temperature	-22°F~122°F		
Humidity	5%~95% RH, Non-condensing		
Altitude	≤6562ft (2000m), No Derating		
MECHANICAL			
IP/IK Level	IP54/IK10		
Cabinet Dimension (W×D×H)	7.48"×12.99"×3.42" (190mm×330mm×87mm)		
Weight	11.02lbs (5kgs)		
Cable Length	18ft (5.5m) (Standard) / 25ft (7.5m) (Optional)		
PROTECTION			
Multiple Protection	OVP (Over Voltage Protection), OCP (Over Current Protection), OTP (Over Temperature Protection), UVP (Under Voltage Protection), SPD (Surge Protection Detection), Grounding Protection, SCP (Short Circuit Protection), Control Pilot Fault, Relay Welding Detection, CCID Self-test		
REGULATION			
Safety	UL 2594, UL2231-1/-2		
Certificate	ETL, FCC		
Charging Interface	SAE J1772 Type 1 / NACS		