TURNON GREEN™

EVP SERIES

11kW EV Fast Charger

Features

- Ideal for residential and commercial EV charging
- Optional wired/wireless connection for Central Management System
- Supports RFID card & QR code for user authentication and management
- Input:200Vac~240Vac
- User authentication
- Modern, ergonomic and customizable design
- IP protection class for outdoors: IP56/NEMA4
- Efficiency > 94%; PF >0.99 (APFC)
- Supports Over the Air Technology
- Charging interface: SAE J1772 (Type 1)/IEC 62196-2 (Type 2)
- Supports OCPP 1.6 Json (Upgradeable to 2.0)
- Supports RS232/485 external communication interface (Optional)
- Supports ISO 15118 protocol
- Supports dynamic output load distribution, making the field power configuration planning of charging stations more flexible

Model		EVP1100
Picture		

Power Specification

AC Input	Input Voltages	Single Phase 200-240Vac
	AC Input Wiring	3 Wire (L1, L2, GND)
	Max. Input Current	48A
	AC Power Frequency	50Hz/60Hz
AC Output	Input Voltages	Level 2
	AC Input Wiring	11kW
	Max. Input Current	48A

User Interface & Control

Back end Support	OCPP 1.6-JSON
User Authentication	RFID (ISO/IEC 14443A/B, ISO/IEC 15693, FeliCa™, Mifare), ISO 15118, QR Code
Status Indication	Blue, Green, Red LED
Display	5 inch LCD

Communication

External	LAN + Wi-Fi (standard) or LAN + 4G + Wi-Fi (Optional)
Internal	EEBUS

Regulation

Safety Compliance	UL2594, UL2231-1, UL2231-2, CSA C22.2 No. 280
EMC Compliance	FCC part 15, Class B
Safety Mark	UL/cUL
Energy Star	CTEP

Protection

Input	UVP, OVP, RCD, SPD, Ground Fault Protection
Output	OCP, OTP, Control Pilot Fault Protection
Plug-Out Detection	Power terminated per J1772 specifications

Environmental Conditions

Operating Temperature	-30°C to 50°C (-22°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	85% RH Max., non-condensing
Altitude	≤ 2000 m (6560 ft)

Mechanical Specifications

Number of Charging Ports	1
AC Charging Connector Type	SAEJ1772
Input Cable	Hardware
Charging Cable Length	5 m (16ft)
Dimensions (W x D x H)	291 x 139 x 500 mm ±1% (11 x 5.5 x 20 inch)
Weight	9 Kg ±1% (20 Lbs.)
Cooling Method	Natural Cooling
Ingression Protection	IP556 / NEMA Type 4R
Mounting Type	Wall-Mount/Pedestal-Mount

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