



DESCRIPTION

The EV-ANS Level 2 charger is designed for personal use and commercial operation of EV stations. It uses a conduction mode to provide communication for electric vehicles with on-board charging devices. Features multiple charging management methods through Bluetooth, WiFi and APP.

FEATURES

- 9x faster than a Level 1 EV charger.
- Automated peak shaving.
- Conforms to UL2594, UL231, FCC USA standards.
- 4.3in LCD display.
- 4G module interface.
- Meets OCPP1.6J standards.
- Several safety features, including:
 - Short circuit protection.
 - Over and under frequency protection.
 - Over current protection.
 - Leakage current protection.
 - Over temperature protection.
 - Overload protection.
 - Ground protection.
 - Over voltage and under voltage protection.

APPLICATIONS

- Residential
- Retail shopping centers
- Corporate office complexes
- Hotels & resorts
- Restaurants
- Entertainment venues
- Fleets
- Customer loyalty programs

Product Description

PART#	DESCRIPTION	INPUT VOLTAGE	CURRENT	CHARGING CONNECTOR	POWER
EV-ANS-E40	10kW EV Charger	208/240VAC	40A	SAE J1772 (Type 1)	10kW
EV-ANS-E50	12kW EV Charger	208/240VAC	50A	SAE J1772 (Type 1)	12kW

Specifications

MODEL#	EV-ANS-E40	EV-ANS-E50
POWER SPECIFICATION		
Maximum Power	10kW/40A	12kW/50A
Input Voltage	208/240VAC	208/240VAC
BASIC INFO		
Charging Connector	SAE J1772 (Type 1)	
Indicator	Multi-color LED indicator light	
Display	4.3 inch LCD display	
Dimension (HxWxD)mm	322 x 189 x 120	
Cable Length	7.62 meters	
Charging Control	Bluetooth / RFID card	
FEATURES		
Communications Interface	LAN / Bluetooth / 4G	
OCPP	OCPP1.6J	
APP	Yes	
SAFETY		
Enclosure Rated	UL standard PC material	
Leakage Current Protection	Yes (Restart, recovery)	
Overload Protection	Yes (Self-checking, recovery)	
Over/Under Voltage Protection	Yes	
Short Circuit Protection	Yes	
Ground Protection	Yes	
Over Temperature	Yes	
Certification	CSAus (for US and Canada), FCC, Energy Star	
Certification Standard	UL 2594, UL 2231, UL1998, UL 991 and FCC, Energy star	
ENVIRONMENT		
Installation	Wall/floor mounted	
Operation Temperature	-22°F~122°F	
Operation Humidity	20%-85%	
IP Level	Level 4	