

Technical Specification

Product Information	EVC16-AW7KGF1W(US)	EVC16-AW9KGF1W(US)	EVC16-AW12KGF1W(US)
Charge Mode	Level 2		
Input/Output Voltage	208/240Vac, 60Hz		
Input Cord	NEMA 6-50P, NEMA 14-50P	NEMA 6-50P, NEMA 14-50P	Hardwired
Max Output Power	7.68kW	9.6kW	11.52kW
Max Output Current	32A	40A	48A
Connector Type	SAE J1772 AC Type1		
Ground Fault Detection	20 mA CCID with auto retry		
Protection	Overcurrent, Overvoltage, Undervoltage, Ground fault detection, Surge Protection		
Cable Length	24.6 ft. (7.5 m)		

User Interface

User Interface	INVT Charge App
Communication Protocol	OCPP 1.6J (Can be customize to OCPP 2.0.1)
Status Indication	5 LEDs + 1 Charging breath circular LED

Certification

Safety and Compliance	NEC Article 625 and UL 916, UL 2594, UL2231-1, UL2231-2, UL 1998, CSA C22.2. No.280
Certification	Energy Star, CSA(US)
EMC Compliance	FCC15 Class B
Warranty	36 months, warranty can be discussed

General Characteristics

Connectivity	WiFi / Bluetooth / Ethernet(Optional) / RS485
User Authentication	App
Communication Protocol	OCPP 1.6J(Customization)
Noise Level	≤45dB
Enclosure Ratings	NEMA 4, indoor or outdoor installation
Operating Temperature	-30°C~+50°C
Storage Temperature	-40°C~+75°C
Relative Humidity	≤95% non-condensation
Maximum Altitude	≤2000m
Cooling Mode	Natural cooling
Dimension (W*H*D)	210*330*82mm (Wall mounting)
Enclosure Type	Plastic
Weight	11.46 lbs. (5.20kg) 12.79 lbs. (5.80kg) 13.56 lbs. (6.15kg)



EVC16 AC Elite Home-US

32-48A



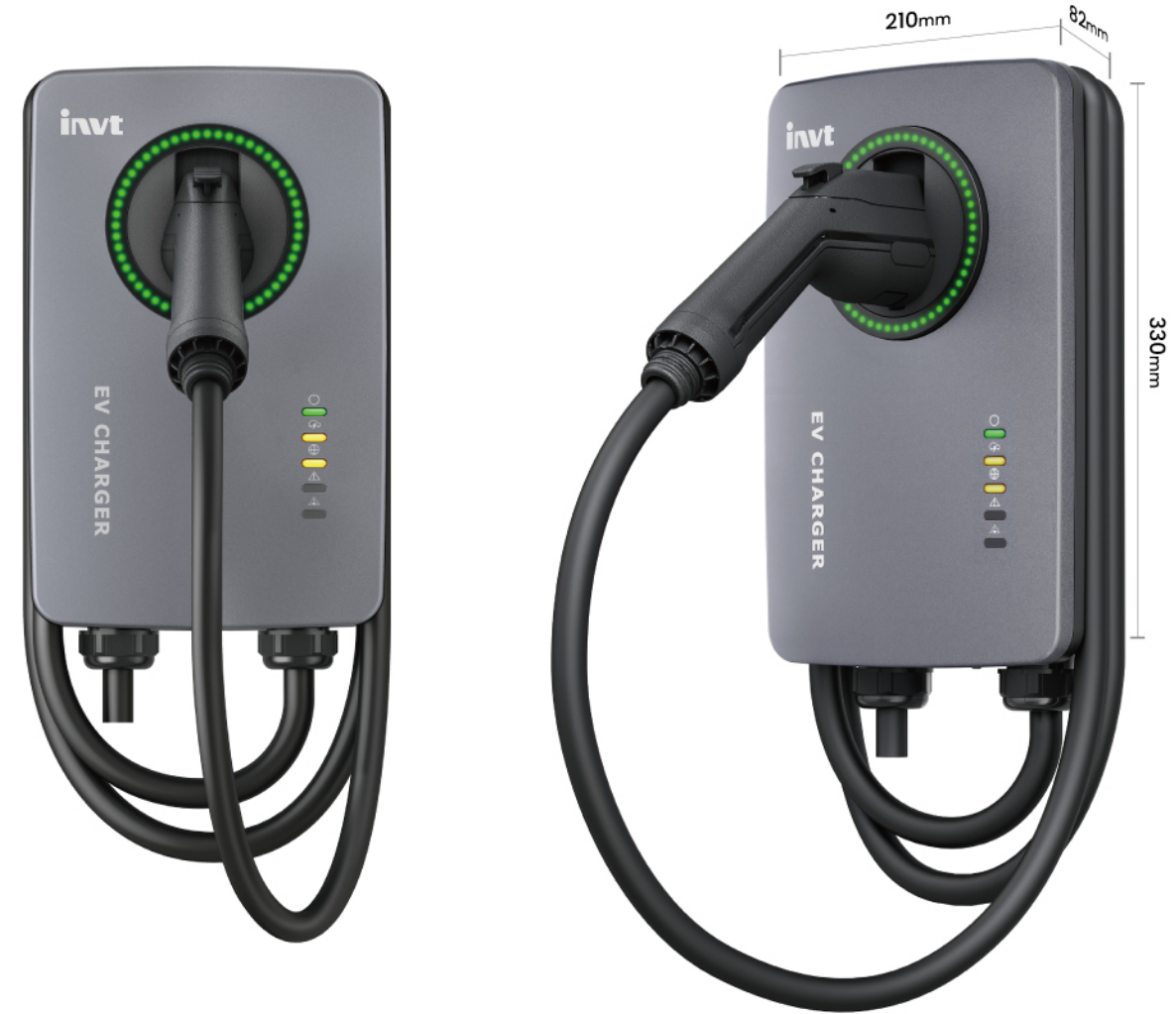
EVC16 AC Elite Home-US

32-48A



Product Features

EVC16 AC Elite Home-US



Compact & Convenient

- Compact & elegant design for home use
- LED indicator design for better user experience
- Easy to install and maintain

High Reliability

- FCC, CSA, Energy Start Compliance
- NEMA 4 protection
- Capable of charging at full power at a temperature range between -30°C~+50°C

Fast & Efficient Charging

- Adding max. 36 miles per charging hour
- Adjustable current from 6-48A with App
- Level 2 charger, 9X faster than level 1 charger

Smart Charging

- Track, manage, and optimize your charging via the INVT Charge App
- In real-time dynamically balance energy to reduce electricity costs
- Over-the-air updates



Circular LED Indicator



Dynamic Load Balancing



WiFi, Bluetooth, Ethernet (Optional)



Leakage Protection DC 6mA/AC 20mA



NEMA 4 Protection



Real-time Notification and Report