

Technical Specification

Product Information	EVC16-AW7KGF1U2(UC)	EVC16-AW11KGF1U2(UC)	EVC16-AW22KGF1U2(UC)
Input / Output Voltage	230Vac±15% (L,N,PE), 50/60 Hz	400Vac±15% (L1,L2,L3,N,PE), 50/60 Hz	400Vac±15% (L1,L2,L3,N,PE), 50/60 Hz
Input/Output Power	7kW	11kW	22kW
Max Output Current	32A	16A	32A
Charging Mode	Mode 3		
Earthing Systems	TT/TN		
Connection Type	Type 2 Cable		
Cable Length	5m		
Over Voltage Category	III		
Protection	Overcurrent, Overvoltage, Undervoltage, Ground fault detection		

User Interface

User Authentication	INVT RFID Card (2 included) or INVT EV Charger App
User Interface	INVT Charge App
Communication Protocol	OCPP1.6J (Customization)
Connectivity	WiFi/Bluetooth/ Ethernet (Optional)
Status Indication	5 LEDs + 1 Charging breath circular LED

Certification

Safety and Compliance	EN IEC 61851-1, EN IEC 62311, ETSI EN 300 328
Certification	CE
EMC	ETSI EN 301 489-1 V2.2.3: 2019 / ETSI EN 301 489-17 V3.2.4: 2020 EN 61000-3-12:2011 / ENIEC 61000-3-11: 2019
Warranty	36 months, warranty can be discussed

General Characteristics

IP and IK Rating	IP65 / IK10		
Operating Altitude	2000m		
Current Leakage Protection	AC 30mA, DC 6mA		
Mounting	Wall or Floor using pedestal		
Emergency Stop Button	Yes		
Dynamic Load Balancing	Yes		
Operating Temperature Range	-25°C~+50°C		
Storage Temperature Range	-40°C~+75°C		
Relative Humidity	≤95% non-condensation		
Dimension (W*H*D)	210*330*82 mm(Wall mounting)		
Enclosure Type	Plastic		
Weight	5.2kg	5.8kg	6.15kg
Circuit Breaker (External Installation)	40A (Single-phase)	25A (Three-phase)	40A (Three-phase)
Cooling Mode	Natural cooling	Natural cooling	Natural cooling



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INVT E-mobility



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EVC16 AC Elite Home-EU

7kW | 11kW | 22kW



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Compact & Convenient

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

High Reliability

- CE compliance
- IP65 for any climate, indoors and outdoors
- Capable of charging at full power at a temperature range between -25°C~+50°C

Fast & Efficient Charging

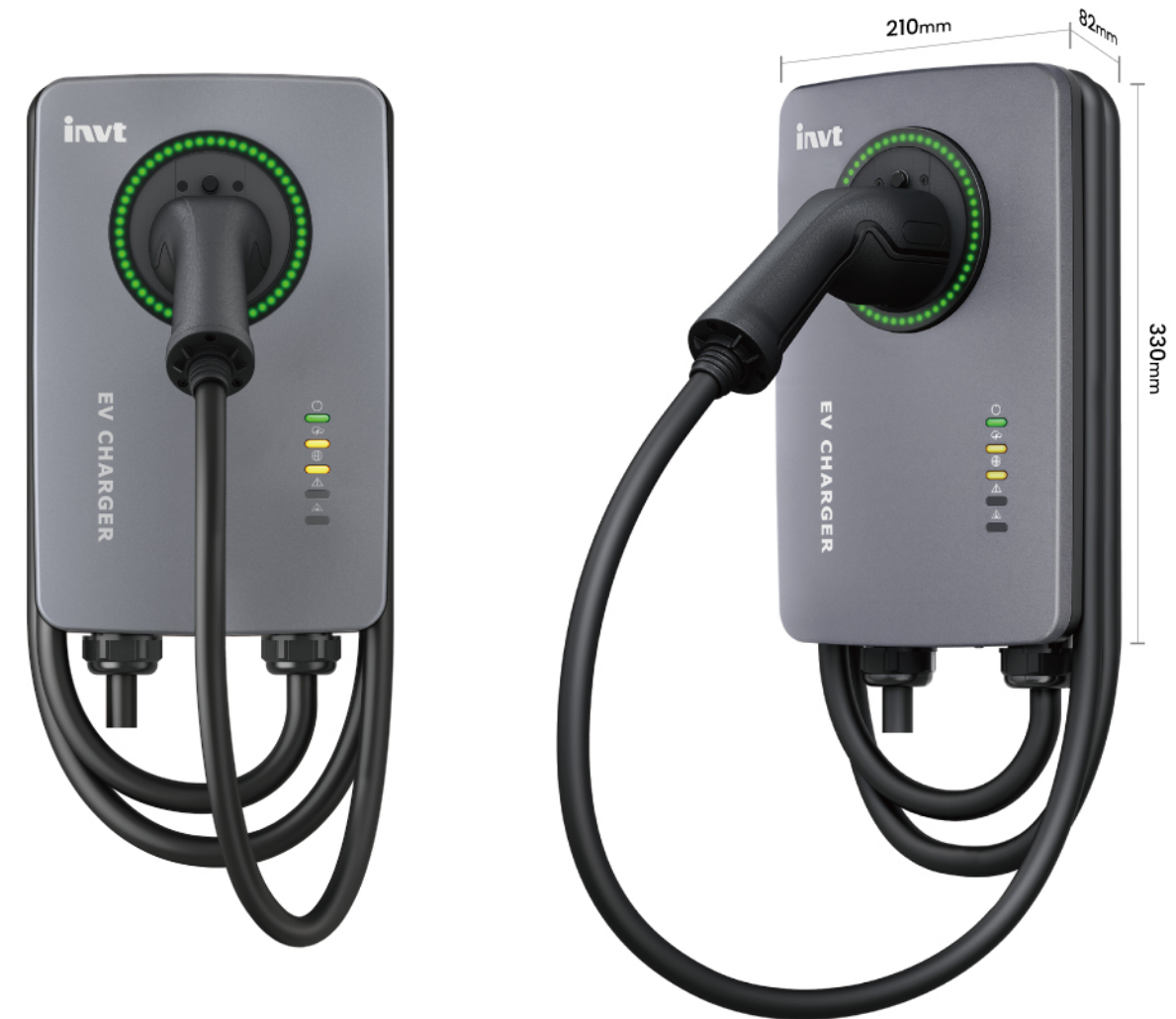
- Max. output power up to 22kW
- Adjustable current from 6-32A with App
- Mode 3 charger, 9X faster than traditional chargers

Smart Charging

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

Product Features

EVC16 AC Elite Home-EU



Circular LED Indicator



Dynamic Load Balancing



WiFi, Bluetooth, Ethernet (Optional)



DC 6mA/AC 30mA



IP65 protection Fireproof UL94



Real-time Notification and Report