

## Technical Specification

Product Information	EVC16-AW22KGB1UE(UC)	EVC16-AW22KTBIUE(UC)	EVC16-AW22KGB2U2(UC)	EVC16-AW22KTBIU2(UC)
Input/Output Voltage	400Vac±15% (L1,L2,L3,N,PE), 50/60Hz	400Vac±15% (L1,L2,L3,N,PE), 50/60Hz	400Vac±15% (L1,L2,L3,N,PE), 50/60Hz	400Vac±15% (L1,L2,L3,N,PE), 50/60Hz
Input/Output Power	1*22kW	1*22kW	2*22kW	2*22kW
Max Output Current	1*32A	1*32A	2*32A	2*32A
Connection Type	1*Type 2 Cable	1*Type 2 Socket with or without shutter	2*Type 2 Cable	2*Type 2 Socket with or without shutter
Cable Length	5m	---	5m	---
Charging Mode	Mode 3			
Network Type	TN/TT			
Over Voltage Category	III			
Protection	Overcurrent, Overvoltage, Undervoltage, Ground fault detection, Surge Protection			

### User Interface

User Authentication	App, RFID card, Credit Cards by POS Terminal (Optional)
User Interface	INVT Charge App; INVT Charge Cloud
Connectivity	Ethernet, 4G, RS485
Communication Protocol	OCPP 1.6J (Can be customize to OCPP 2.0.1)
Status Indication	LED / App / LCD (5 inch )

### Certification

Safety and Compliance	EN IEC 61851-1, EN IEC 62311, ETSI EN 300 328
Certification	CE
Energy Metering	CE, MID, PTB (optional)
EMC Compliance	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-II: 2019
Warranty	36 months, warranty can be discussed

### General Characteristics

IP and IK Rating	IP55 / IK10			
Operating Altitude	2000m			
Current Leakage Protection	AC 30mA, DC6mA			
Mounting	Wall or Floor using pedestal			
Emergency Stop Button	Yes			
Dynamic Load Balancing	Yes			
Operating Temperature Range	-30°C~+50°C			
Storage Temperature Range	-40°C~+75°C			
Relative Humidity	≤95% non-condensation			
Dimension (W*H*D)	333*533*162mm			
Enclosure Type	Galvanized plate SECC			
Weight	12kg	11.5kg	18kg	16kg
Cooling Mode	Fan cooling			
Circuit Breaker	40A (Three-phase)			



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# EVC16 AC Commercial

22kW | 22kW\*2

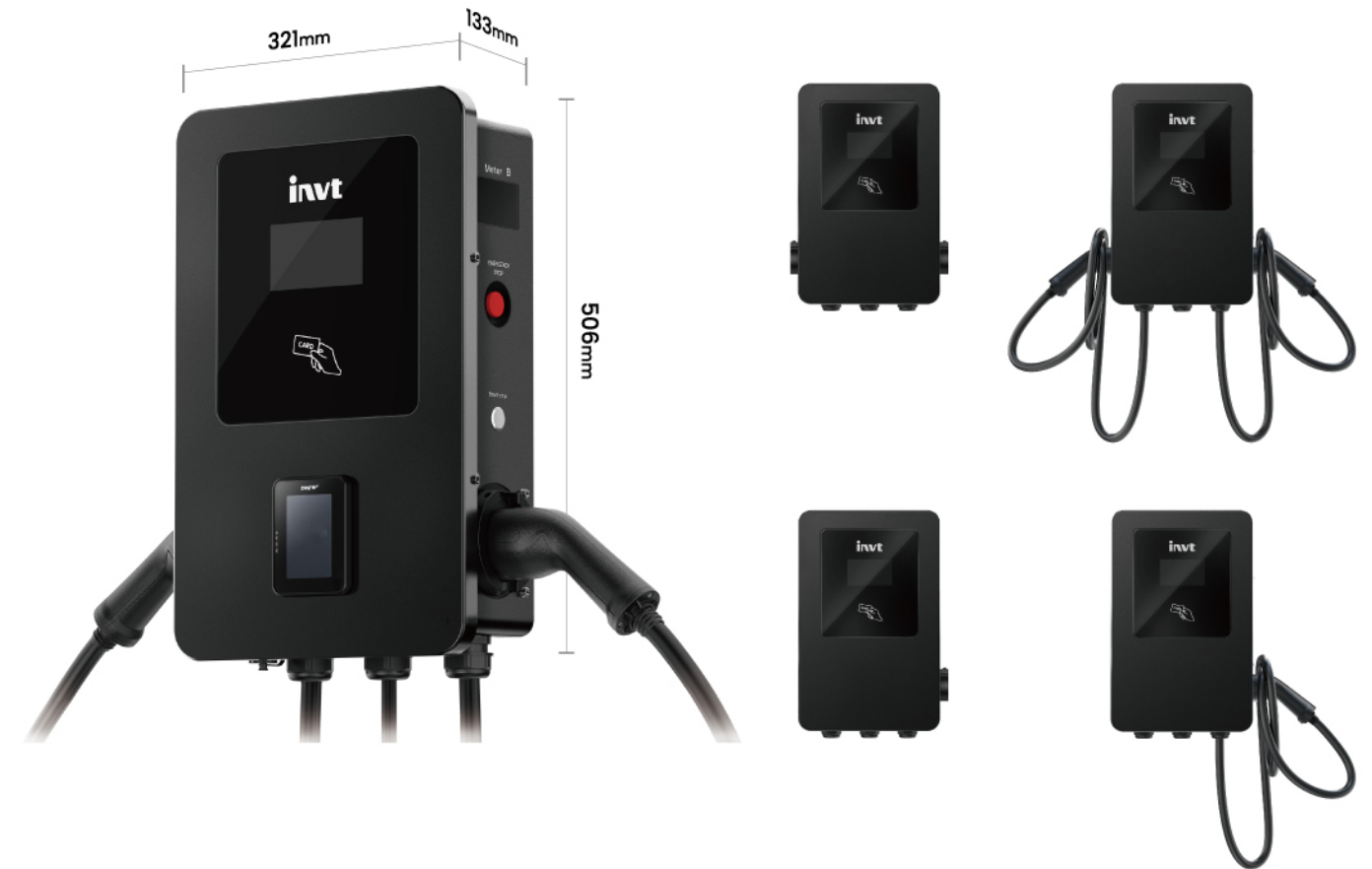
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22kW | 22kW\*2



## Product Features

EVC16 AC Commercial



### Fast & Efficient

- Max. fast charging 2 vehicles simultaneously, with each max. power up to 22kW
- Adding 65 miles in 30 mins

### High Reliability & Convenient

- CE, MID,PTB (optional)certified
- IP55
- Flexible choice for Indoor or outdoor installations

### Smart Charging

- Smart functionality with OCPP 1.6 and 2.0.1 (optional) compliant, can adapt its power usage and Provide optimal charging today and into the future

- Smart App for remote positioning, charging booking and tracking
- In real-time dynamically balance energy to increase station revenue



Dynamic Load Balancing



5-inch Screen Display



Dual Connectors Design



IP55 Protection



OCPP 1.6 / 2.0.1(Optional)



One-Stop Cloud Network Management



Energy Metering: MID, PTB Certificate



AC 30mA +DC 6mA



Socket Version Optional



Shutter Design Optional



App, RFID Card, Credit Card by POS Terminal (Optional)