

Technical Specification

Product Information	EVC16-DH60K7P3UE(UC)	EVC16-DH120K7P3UE(UC)	EVC16-DH180K7P3UE(UC)	EVC16-DH240K7P3UE(UC)
Input Voltage	260~485Vac (L1,L2,L3,N,PE), 50/60Hz			
Max Input Current	124A	216A	310A	400A
Output Voltage	CCS2: 200 to 1000Vdc / Type 2: 400Vac (CHAdEMO: 150 to 500 Vdc optional)			
Max Output Power	DC: 60kW / AC: 22kW	DC: 120kW / AC: 22kW	DC: 180kW / AC: 22kW	DC: 240kW / AC: 22kW
Max Output Current	CCS2: 200A / Type 2: 32A (Boost Mode : 300A)			
Connector Type	2*CCS2 + 1*Type2 (Chademo Optional)			
Cable Length	AC cable 4m, DC cable 5m			
Protection	Overcurrent, Overvoltage, Undervoltage, Ground fault detection, Surge protection			

User Interface

Connectivity	Internet access via 4G /Ethernet (RJ45)
User Authentication	QR code , RFID Card, Credit Card by POS Terminal (Optional)
User Interface	7.0-inch IPS-TFT-LCD Touchscreen
Communication Protocol	OCPP 1.6J (Can be customize to OCPP 2.0.1)
Energy Metering	Class A(DC), Class B(AC) / CE, MID, PTB (optional)

Certification & Standards

Safety and Compliance	EN 61851-23:2014, EN IEC 61851-1:2019 , EN 61851-24:2014
EMC Compliance	EN IEC 61851-21-2:2021 , EN IEC 61000-6-2:2019, EN IEC 61000-6-4:2019
Warranty	24 months, warranty can be discussed
Certification	CE (TUV)

General Characteristics

Power Factor	≥ 0.99
Start Time (S)	3~8
Efficiency	≥ 96
RFID Reader	ISO14443 TypeA· MIFARE® ONE (MFI)Card
Emergency Stop Button	Yes
Intelligent Power Distribution	Yes
Residual Current Device	Type A (≤30mA)
Cable Retraction System	Optional
IP Rating	IP55 outdoor use and IK-10
Operating Temperature	-25°C ~ +55°C
Storage Temperature	-40°C ~ +75°C
Relative Humidity	≤95% non-condensation
Maximum Altitude	< 2000m (2000 to 5000m with power derating)
Cooling Mode	Intelligent fan cooling
Noise Level	≤70dB
Dimension (W*H*D)	550*1840*750mm
Enclosure Type	Galvanizing plate SECC
Weight	About 250kg About 280kg About 320kg About 340kg



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INVT E-mobility



EVC16 DC Fast

60kW | 120kW | 180kW | 240kW



Commercial

EVC16 DC Fast

60kW | 120kW | 180kW | 240kW



Ultra Fast Charging

- Scalable modular design with max. up to 240kW, adding 150miles in less than 30 mins
- Charging speed improved by max. up to 40% with 300A boost mode
- Multiple cable & charging connector options, with DC connector up to 200kW of power

Smart Cloud Portal

- Smart functionality with OCPP 1.6 and 2.0.1(optional) compliant
- Easy charge station management with INVT Cloud Platform

Improve Your Business Revenue

- In real-time dynamically balance energy to increase station revenue
- Integration with solar power system to reduce cost

- Smart App for remote positioning, charging booking and tracking

Product Features

EVC16 DC Fast

- Flexible Power Module Design
- Multiple Cable & Charging
- Cable management System
- Dynamic Load Balancing
- OCPP 1.6/2.0.1(Optional)
- One Stop Cloud Network Management
- 96% Charging Efficiency
- Smart Charging
- Compatible with CCS2, CHAdeMo(Optional)
- Weather Resistant
- Support App, RFID Card, Credit Card by POS Terminal (Optional)

