80/120/160kW Integrated DC Charger

Product Description

CE 160kW integrated DC charger provides a DC quick charging solution for electric vehicles. This product integrates charging module, charging control, metering and charging, communication and other functions with the connector CCS2. The product is placed outdoors to provide charging services for electric buses, large electric buses and passenger electric vehicles.

Application Scenario

- Public service charging
- Public transport charging
- Fleet charging

Features

High compatibility

- System efficiency is higher than 95%, high power density, saving system operation cost
- High power factor, low harmonic distortion, no pollution

Secure and safe

- With short circuit, over current, over voltage, over charge, anti-reverse connection and other protection functions
- DC charger and charging module both certified with CE mark

Weather resistance

- Excellent cold resistance, high temperature resistance, salt spray resistance, moisture resistance and other functions

Intelligent control

- Charging status light indicator function, can monitor the machine running status in real time
- Remote fault diagnosis and remote restart
- Comply with OCPP 1.6J, intelligent control by software

Technical Parameters

Type	TEC-DC1.0/80 -CCANN	TEC-DC1.0/120 -CCANN	TEC-DC1.0/160 -CCANN
Power Supply	3P+N+PE		
Input Voltage	400Vac±10%		
Output Voltage	50Vdc~1000Vdc		
Frequency	45Hz~65Hz		
Rated Power	80kW	120kW	160kW
Maximum Current	200A		
Charge Connector	CCS2*2		
Cable Length	5m (including inside part)		
Cable Management	Optional		
Peak Efficiency	≥95%		
Power Factor	＞0.99		
THDi	≤5%		
Display	8" LCD screen		
Emergency Stop	Yes		
Language	English (Other languages need to be customized)		
Communications	Standard: 4G Ethernet		
Platform Protocol	OCPP1.6J		
RCD	Type A		
Electrical Protection	Input overload protection Input leakage protection Input/out-put short-circuit protection Output overvoltage protection System overtemperature protection		
Operating Humidity	5%RH~95%RH		
Operating Altitude	≤2000m		
Operating Temperature	-30℃~50℃		
IP Rating	IP54		
IK Rating	IK10 (Screen IK08)		
Cooling	Air cooling		
Product Dimension	W*D*H: 850mm*700mm*1860mm		
Package Dimension	W*D*H: 1240mm*970mm*2110mm		
Net Weight	490kg (including modules)		
Gross Weight	550kg		
Standards	IEC 61851-1 IEC 61851-21-2 IEC 61851-23 IEC 62196-1 IEC 62196-3 DIN 70121 ISO 15118		
Certification	CE TüV Mark OCA RCM		