

DC Integrated EV Charger

SmartDC 60~80kW

SmartDC 60-80kW Series outdoor DC integrated charger adopts a new generation of 30KW intelligent charging module, single and double guns can be arbitrarily selected according to customer needs. The dual-gun type can be distributed, according to the actual charging demand to meet the charging needs of small and medium-sized passenger cars and logistics vehicles.

Efficient Charging: Wide voltage range, large charging current, reduced charging queue time improved operational efficiency.

Low Energy Consumption: Low power loss during operation and standby, effectively reducing customer operating costs.

Convenient Payment: Support for payment methods such as Visa, Master card, RFID card. Mobile payment etc.



Technical Specifications

	SmartDC 60kW	SmartDC 80kW
ELECTRICAL SPECIFICATION		
Power Supply	3P+N+PE	
Rated Voltage	380V/400V/415 AC	
Rated Current	192A	365A
Frequency	50/60Hz	
Output Voltage	150~750V DC	
Maximum Output Current	0-250A	
BASIC ATTRIBUTES		
Charge Connector	2*CCS2, CCS1, GB/T, CHAdeMO (Customizable)	
Cable Length	5m (Customizable)	
Enclosure	Galvanized Steel	
Installation	Floor Installation	
INTERACTIVE INTERFACE		
LED Indicator	Green/Yellow/Red	
LCD Display	TFT Color Touch Display 10.1"	
RFID Reader	Mifare ISO/IEC 14443A	
Start Mode	Plug&Play/App/RFID Card	
COMMUNICATION		
Wi-Fi	Optional	
Ethernet	Yes	
4G	Optional	
OCPP	OCPP1.6Json (OCPP2.0 Upgradable)	
SAFETY		
RCD	Type A	
Emergency Stop	Yes	
Ingress Protection	IP54	
Impact Protection	IK08	
Electrical Protection	Over Current Protection, Residual Current Protection, Short Circuit Protection, Surge Protection, Over/Under Voltage Protection, Over/Under Frequency Protection, Over/Under Temperature Protection	
Certification	CE	
Warranty	2 Years	
WORKING ENVIRONMENT		
Cooling Method	Fan Cooling	
Noise	≤65dB	
Operation Temperature	-30°C ~+50°C	
Work Humidity	5%~95%	
Work Altitude	<2000m	
MECHANICAL		
Product Dimension	720x480x1600mm (WxDxH)	
Net Weight	190.0kg	
External Package	Wood Case	

Highlights



High power capacity

Power output up to 80kW flexibly distributed to two connectors



Fast charging

250A cable supports charging an EV from 20% to 80% SOC within 30min



Cable management

Cable management device provided making charging process easier and protect the cables



Dynamic load distribution

Power distributed to two connectors controlled by algorithm realizes intelligently EV charging



HMI with good user experience

High resolution large LCD touch screen with audio function



Easy for maintenance

Modular design saves maintenance time and OTA update is available