

DC EV Charger 25 kW - 50 kW, 30 kW - 60 kW

- Self-developed controller for CHAdeMO and CCS
- Supports multiple charging standards: GB, CCS1, CCS2 and CHAdeMO
- Compact size with fashion LED design
- Supports up to 2 Evs
- Built-in RFID card reader
- Supports OCPP 1.6 JSON network and 3G/4G
- Remote firmware upgrade with APP (OTA)
- Remote power module upgrade (OTA)
- Remote diagnostic function simplifies data collection and analysis process
- IP54 protection, IK10 vandal-proof enclosure and IK8 touch screen
- 7" colored touch LCD display for easy configuration



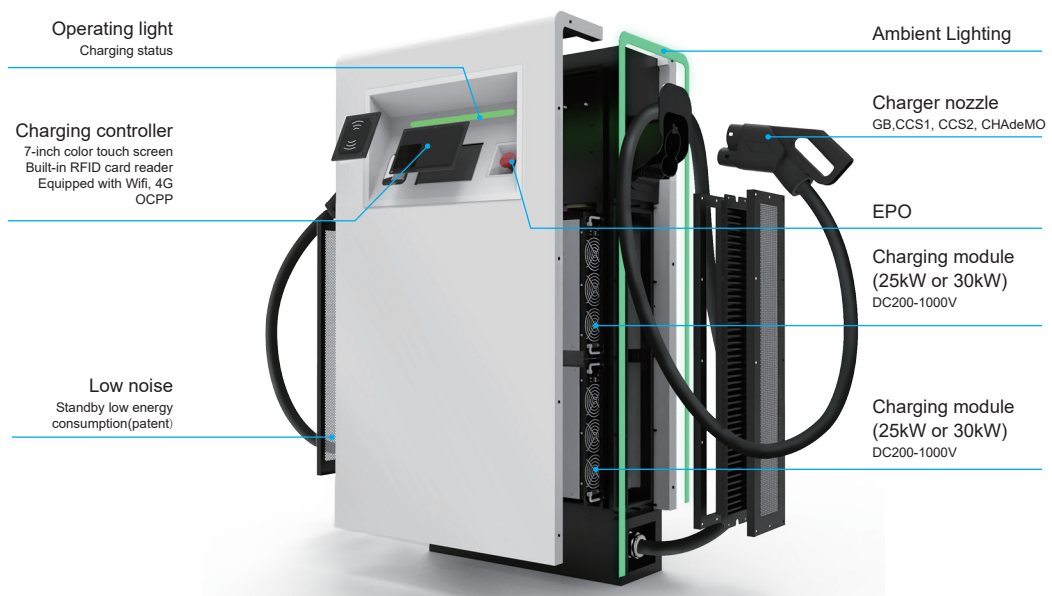
Applications

- Movie theaters, museums, hotels, restaurants, department stores, malls
- Convenient stores, coffeeshops, supermarkets, fast food restaurants, banks
- Parking space, roadside charging

Highlights



Product Outlook



Specification

MODEL		25kW	50kW	30kW	60kW
Charging Type		DC fast charging			
Outlet Options		C: CCS2 cable , A: CCS1 cable , J: CHAdEMO cable , G: GBT cable			
AC Input Power @ 400V 50Hz		40 A, 28 kVA	78 A, 54 kVA	40 A, 28 kVA	93 A, 64 kVA
Input Voltage Range		400 VAC or 380 VAC +/- 10%			
Input Frequency		50 Hz or 60 Hz			
DC Output Power Rating		25 kW	50 kW	30 kW	60 kW
DC Output Voltage		200-750 Vdc (ready) 200-1000 Vdc (coming soon)			
Number of EV Served		Up to 2 (JC, JA models) Up to 1 (C, A, J, G models)	Up to 2 (CC, AA, JC, JJ , GG models) Up to 1 (C, A, G models)	Up to 2 (JC, JA models) Up to 1 (C, A, J, G models)	Up to 2 (CC, AA, JC, JJ , GG models) Up to 1 (C, A, G models)
Cable Length		5.0 m, Optional: 6.0 m / 7.0 m			
Maximum Current	CCS Cables	80A	150A	80A	150 A
	CHAdEMO Cables	60A	125A	60A	125 A
	GBT Cables	60A	150A	60A	150 A
Electro-Magnetic Compatibility		Class A (optional Class B) according to EN 61000-6-3:2007			
Distribution Systems		TN-S, TN-C, TN-C-S, TT (required external RCD)			
Connector Type		3P + N + PE			
Protection		Overcurrent, overvoltage, undervoltage, integrated surge protection, ground fault including DC leakage protection, door opening protection			
Overvoltage Category		Type II			
Power Factor (Full Load)		≥ 0.98	≥ 0.99	≥ 0.98	≥ 0.99
THDi		≤ 5%			
Efficiency		≥ 93% (peak)			
Standby Power		< 35 W			
Short Circuit Current		10 kA			
Pre-charge Current		< 1 A			
Inrush Current		< 55 A	< 90 A	< 55 A	< 100 A
Leakage Current		0.8 mA			
Energy Metering		Standard: Meter for DC outlet, Optional: AC inlet			
Cellular Communication		GSM / 4G/ LTE (Optional)			

USER INTERFACE

Connectivity	Internet access via 4G/3G/Ethernet (RJ45)
User Authentication	RFID, QR code
User Interface	7" LCD high-contrast touchscreen
Communication Protocols	Proprietary and OCPP 1.6J
RFID Reader	ISO/IEC 14443 A/B Mifare RFID reader
Emergency Button	Yes
Language System	English, Chinese

GENERAL CHARACTERISTICS

Protection Rating	IP54 and IK10 (cabinet) / IK8 (touchscreen)			
Housing Material	SGCC, SUS430(Optional)			
Operating Altitude	Up to 2000 m			
Operating Temperature	-35 °C to 55 °C			
Storage Temperature	-40 °C to 70 °C			
Humidity	20-95 % Rh non-condensing			
Mounting	Free-standing cabinet			
Dimensions (D x W x H) mm	660 × 218 × 1250 mm			
Weight (kgs)	80	100	80	100

COMPLIANCE STANDARDS

Charging System	IEC 61851-1 ed 3, IEC 61851-21-2 ed 1, IEC 61851-23 ed 1, IEC 61851-24 ed 1, IEC 62196-2, IEC 62196-3, IEC 61000, GBT18487, GBT20234
Communication to the EV	DIN 70121, ISO/IEC 15118 ed 1, CHAdeMO 1.2, GBT27930, GBT 34657

Product specifications are subject to change without further notice