

Main Features

- 500A (Boost mode 600A) / 200~1000Vdc per connector
- Up to 8 terminals
- Comply with ISO15118 / DIN70121
- Support OCPP1.6J / 2.0.1
- Support Dynamic Load Balancing
- 15.6 inch Full-color LED Display: 4 physical buttons
- Cable management system
- Noise supports silent mode

Specifications



Power Cabinet

Input Voltage	480Vac±10%, 3 phases, 50/60Hz, L1+L2+L3+N+PE (Support without Neutral)
Input Current	AC 1468A
Output Power	1200kW max (200~1000Vdc)
Output Chanel	Up to 8 Terminals
Peak Efficiency	≥96%
Dynamic Power Management	Arbitrary power distribution in increments of 2*75kW
Power Factor	≥0.99 @ full load
THDi (Total harmonic distortion)	< 5% @ full load
Short Circuit Current Rating (SCCR)	42kA
Power Module Cooling	Liquid Cooling
Stand-by Power	<250W / Outlet
Protection	Over/Under Voltage Protection, Overload Protection, Short Circuit Protection, Surge Protection, Over Temperature Protection, Communication Interference Interruption Protection and Reset, Soaking Protection, Smoke Alarm.

Terminal

Maximum output power	500kW
Maximum output current	500A / Boost mode MAX 600A (Liquid cooling)
Output voltage	200~1000VDC
Charging Outlets	CCS1 or NACS(Optional)
Cable Length	≥5m with cable management system
Connectivity	Ethernet, WIFI, 4G
User Authentication	APP, RFID Card, POS Machine (Optional)
User Interface	15.6 inch full-color LED Display / LED Indicator / Emergency Stop Button (Optional)
Platform Protocol	OCPP1.6J / 2.0.1
Accessibility	Meets ADA requirements for height and reach
Remote Management	Access control, configuration, diagnostics, software updates

General Characteristics

IP & IK	Type 3R / IK10 (Screen IK08)	
Operating Altitude	<2000m	
Operating Temperature	-30°C±55°C (Derating above 50°C)	
Working Humidity	5%~95% Without Condensation	
Mounting	Floor Stand	
Dimensions	Power Cabinet: H2300 * W1600 * D1100 (mm)	User Unit: H2150 * W278 * D600 (mm)
Weight	Power Cabinet: ≤1950kg	User Unit: ≤80kg
Noise	Power Cabinet: 65dB(A) @ 1m, 25°C	User Unit: 60dB(A) @ 1m, 25°C
Shell Material	SUS430	

Certification and Standards

Charging Standard	UL 2202, UL 2231-1, UL 2231-2, NEC Article 625, CSA C22.2 No. 107.1-16
Communication Protocol Standards	ISO15118-1:2013; ISO15118-2:2014; ISO 15118-3:2015; DIN 70121:2014