



Main Features

- 200-1000Vdc wide output voltage range.
- Flexible configuration, high efficiency & maximum 500A output.
- Cable management system (Optional)
- Connect to any backend based on OCPP 1.6J protocol.
- Flexible payment modes, equipped with payment terminal.



Specifications

General Information

Input Rating	480Vac±10%, 3 phases, 50/60Hz, L1+L2+L3+PE+N (Neutral Optional)		
Input Current Rating	AC 250A		
Power Factor	≥0.99 @ Full Load		
Efficiency	97%		
Output Interface	CCS1+NACS	NACS+NACS	CCS1+CCS1
Output Power	120kW max. / 150kW max. / 180kW max.		
Output Voltage	150-1000Vdc		
Output Current	CCS1: 400A rating, NACS: 380A rating (All support 500A output for a short time)		
OCPP (Overcurrent Protection Device)	400A		
System Protection	Overload, Overvoltage, Undervoltage, Overcurrent, Short circuit, Over temperature, Ground fault, Integrated surge protection, IMD		

User Interface

Display	10.4" touch screen
Support Language	English (Other languages available upon request)
Button and Switch	Emergency Button
User Authentication	RFID card, App, Payment Terminal (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693

Communication

Network Interface	4G, Wi-Fi, Ethernet
Protocol (EVSE&Backend)	OCPP 2.0.1J
Protocol (EVSE&EV)	DIN 70121, ISO 15118

Environmental

Operating Temperature	-22°F to 131°F (Derating from 122°F)
Storage Temperature	-22°F to 158°F
Humidity	5% to 95% no condensation
Altitude	≤6561' above sea level

Mechanical

NEMA Enclosure	Type 3R
IK Rating	IK10 (Screen is IK08)
Cooling	Forced Air
Noise Emission	≤65dBA @3'4" (full load)
Charging Cable Length	16' 5" or 23' (optional)
Cable Management System	Optional / Trapezoidal Swing Arm version
Dimensions (WxHxD)	31 3/8 x 80 3/4 x 29 1/2" (excluding cable management)
Weight	Approx. 903.9 lb (excluding power modules)
Installation	Ground mounting

Certification and Standards

Standards and Compliance	FCC part 15 Class A, UL 2202, UL 2231-1, UL 2231-2
Certification	CSA, FCC, OCA, Energy Star, CTEP