

Main Features

- 150-1000Vdc wide output voltage range, compatible with most EV models in market.
- High performance, 97% efficiency & maximum 500A output.
- Flexible configuration, CCS1 and NACS available.
- User friendly Cable Management – easier operation. Light on the top(optional) for clearer indication.
- Connect to any backend based on OCPP protocol.
- Dynamic load management.

Specifications



General Information	
Input Rating	480Vac±10%, 3 phases, 50/60Hz, L1+L2+L3+PE+N (Neutral Optional)
Input Current Rating	AC 410A (AC 301A for 240kW output)
Power Factor	≥0.99 @ Full Load
Efficiency	97%
Output Interface	CCS1+CCS1, NACS+CCS1, NACS+NACS (simultaneous charging)
Output Power	320kW max
Output Voltage	150-1000Vdc
Output Current	CCS1: 400A rating. NACS: 380A rating (All support 500A output for a short time)
OCPD (Overcurrent Protection Device)	500A
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 1.6J
Protocol (EVSE&EV)	DIN 70121, ISO 15118
Environmental	
Operating Temperature	-22°F to 122°F (-30°C to 50°C) (Derating from 122°F/50°C)
Storage Temperature	-40°F to 158°F (-40°C to 70°C)
Humidity	5% to 95% no condensation
Altitude	≤6561.28' (2000m)
Mechanical	
NEMA Enclosure	Type 3R
IK Rating	IK10 (Screen is IK08)
Cooling	Forced Air
Charging Cable Length	16.4' (5m) or 19.7' (6m) (optional)
Cable Management System (optional)	Swing Arm version
Operating Range with Cable Management System	5m (16.4') cable @ approx. 3m (9.8') operating range (cable will not touch ground) 6m (19.7') cable @ approx. 4m (13.1') operating range (0.3m (1') cable will be on ground)
Dimensions (WxHxD)	2.62*7.22*2.46' (800*2200*750mm) (with cable management system)
Weight	Approx. 1322.77 lb (600kg) (including power modules)
Installation	Ground mounting
Certification and Standards	
Standards and Compliance	FCC part 15 Class A, UL 2202, UL 2231-1, UL 2231-2, Energy Star, CTEP
Certification	UL, CTEP, Energy Star, FCC