



## Main Features

- Max. 400A output current.
- Up to 240kW output power per connector.
- 200-1000Vdc wide output voltage range.
- Great scalability, up to 4 charging points per system.
- Support multiple cabinets connected together.



## Specifications

User Unit		
Rendering		
Output Interface	1 x CCS1 / 1 x NACS	2 x CCS1 / 1 CCS1 + 1 NACS
Output Power	240kW max.	240kW max.
Output Voltage	150-1000Vdc	150-1000Vdc
Output Current	250A / 400A boost per connector	250A / 400A boost per connector
Simultaneous Charging	N/A	Yes
Display	10.4" touch screen	
Support Language	English/French/German/Spanish/Vietnamese/Norwegian/Hebrew/Russian/Turkish/Portuguese/Hungarian/Czech/Slovak (Other languages available upon request)	
Button and Switch	Emergency Button	
Authentication	RFID, APP, Credit Card (PAX IM30 optional) (POS machine will support RFID card)	
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693, NFC, Mifare	
Network Interface	4G/Wi-Fi for backend connection and Ethernet for Power Cabinet local connection	
Protocol (EVSE&Backend)	OCPP 1.6J	
Protocol (EVSE&EV)	DIN 70121, ISO 15118	
Operating Temperature	-22°F to 131°F (Derating from 122°F)	
Storage Temperature	-22°F to 158°F	
Humidity	5%-95% no condensation	
Altitude	≤6561.28' (2000m) above sea level	
IP Rating	IP55 / NEMA 3R	
IK Rating	IK10 (Screen IK08)	
Cooling	Forced Air Cooling	
Charging Cable Length	16.4' (cable management system is optional)	
Dimensions (WxHxD)	2.03 x 6.56 x 1.44' (without cable management system) 3.11 x 6.56 x 1.44' (with dual cable management system)	
Weight	Approx. 507.06 lb (with cable management system)	
Installation	Ground mounting	
Standards and compliance	FCC part 15 Class A, UL 2202, UL 2231-1, UL 2231-2, Energy Star, CTEP, UL 1998, UL991	
Certificate	TUV, FCC, Energy Star, CTEP, OCA	

Power Cabinet	
Input Rating	480Vac ± 10%, 3 phases, 50/60Hz, L1+L2+L3+N+PE (Support without Neutral)
Input Current Rating	AC 307A
Power Factor	≥ 0.98 @ Full Load
Efficiency	95%
Output Power	240kW max. (180kW max. optional)
Output Voltage	150-1000Vdc
Output Current	500A max.
Output Channel	4 Channels max.
Overcurrent	When Current required ≤ 50A, and output current is 3A larger than the current required, stop charging When 50A < Current required ≤ 300A, and output current is 1.06 times larger than current required, stop charging
System Protection	Overload, Overvoltage, Undervoltage, Overcurrent, Short circuit, Over temperature, Ground fault, Integrated surge protection, IMD
Button and Switch	Emergency Button
Network Interface	Ethernet to User Unit
Operating Temperature	-22°F to 131°F (Derating from 122°F/50°C)
Storage Temperature	-22°F to 158°F
Humidity	5% to 95% no condensation
Altitude	≤ 6561.28' (2000m) above sea level
IP Rating	IP55 / NEMA 3R
IK Rating	IK10
Cooling	Forced Air
Dimensions (W x H x D)	3.44 x 6.73 x 2.46'
Weight	Approx. 992.08 lb (excluding power modules)
Installation	Ground mounting
Standards and compliance	FCC part 15 Class A, UL 2202, UL 2231-1, UL 2231-2, Energy Star, CTEP UL 1998, UL 991
Certificate	TUV, FCC, Energy Star, CTEP, OCA



## Dimensions



Note: Pictures are for reference only, please prevail in kind.