



## Main Features

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



## Specifications

User Unit		
Rendering		Optional
<b>Power Input</b>	Auxiliary power supply: 85-264Vac, 50/60 Hz, L+N+PE	
<b>Output Interface</b>	1 x CCS1	
<b>Output Power</b>	200kW max.	
<b>Output Voltage</b>	1500-1000Vdc	
<b>Output Current</b>	200A max. / connector	
<b>Simultaneous Charging</b>	N/A	
<b>Display</b>	N/A	10.4-inch touch screen
<b>Support Language</b>	English/French/German/Spanish/Vietnamese/Norwegian/Hebrew/Russian/Turkish/Portuguese/Hungarian/Czech/Slovak (Other languages available upon request)	
<b>Button and Switch</b>	ON/OFF Button for maintenance	Emergency Button
<b>Authentication</b>	Control box necessary - RFID, APP, Credit Card (PAX IM30 optional) (POS machine will support RFID card)	
<b>RFID Reader</b>	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693, NFC, Mifare	
<b>Network Interface</b>	4G/Wi-Fi for backend connection and Ethernet for Power Cabinet local connection	
<b>Protocol (EVSE&amp;Backend)</b>	OCPP 1.6	
<b>Protocol (EVSE&amp;EV)</b>	DIN 70121, ISO 15118	
<b>Operating Temperature</b>	-22°F to 131°F (Derating from 122°F/50°C)	
<b>Storage Temperature</b>	-22°F to 158°F	
<b>Humidity</b>	5%-95% no condensation	
<b>Altitude</b>	≤6561.28' (2000m) above sea level	
<b>IP Rating</b>	IP55 / NEMA 3R	
<b>IK Rating</b>	IK10 (Screen IK08)	
<b>Cooling</b>	Forced Air Cooling	
<b>Charging Cable Length</b>	16.4' or 32.8' (cable management system is optional)	
<b>Dimensions (WxHxD)</b>	2.82*1.08*0.33'	1.94*1.31*0.52'
<b>Weight</b>	Approx. 110.23 lb	Approx. 44.1 lb
<b>Installation</b>	Wall-mounting	
<b>Standards and compliance</b>	FCC part 15 Class A, UL 2202, UL 2231-1, UL 2231-2, UL 1998, UL991	
<b>Certificate</b>	TUV, FCC, OCA	



<b>Power Cabinet</b>	
<b>Input Rating</b>	480Vac±10%, 3 phases, 50/60Hz, L1+L2+L3+N+PE (Support without Neutral)
<b>Input Current Rating</b>	AC 307A
<b>Power Factor</b>	≥0.98 @ Full Load
<b>Efficiency</b>	95%
<b>Output Power</b>	240kW max. (180kW max. optional)
<b>Output Voltage</b>	150-1000Vdc
<b>Output Current</b>	500A max.
<b>Output Channel</b>	4 Channels max.
<b>Overcurrent</b>	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
<b>System Protection</b>	Overload, Overvoltage, Undervoltage, Overcurrent, Short circuit, Over temperature, Ground fault, Integrated surge protection, IMD
<b>Button and Switch</b>	Emergency Button
<b>Network Interface</b>	Ethernet to User Unit
<b>Operating Temperature</b>	-22°F to 131°F (Derating from 122°F/50°C)
<b>Storage Temperature</b>	-22°F to 158°F
<b>Humidity</b>	5%-95% no condensation
<b>Altitude</b>	≤6561.28' (2000m) above sea level
<b>IP Rating</b>	IP55 / NEMA 3R
<b>IK Rating</b>	IK10
<b>Cooling</b>	Forced Air
<b>Dimensions (WxHxD)</b>	3.44*6.73*2.46'
<b>Weight</b>	Approx. 992.08 lb (excluding power modules)
<b>Installation</b>	Ground mounting
<b>Standards and compliance</b>	FCC part 15 Class A, UL 2202, UL 2231-1, UL 2231-2, UL 1998, UL991
<b>Certificate</b>	TUV, FCC, OCA



## Dimensions

