

200kw / 300kW - Level 3

Neptune System

Split system DC fast charger



KEY FEATURES

- Supports connecting multiple power cabinets together
- Single or dual charger point options
- Cable management system option

Scalability

Supports multiple power cabinets.

- One Cabinet for two Chargers (four charge points max.)
- Two Cabinets for up to four Chargers (eight charge points max.)

Smart O&M

- Remote monitoring and diagnosis, firmware OTA upgrade (OCPP 1.6j).

Specifications 200kW Charger

General Information	Single Charger	Dual Charger
Output Interface	1 x CCS1	2 x CCS1
Output Power	200kW max.	200kW max.
Output Voltage	200-1000Vdc	200-1000Vdc
Output Current	200A max. / connector	200A max. / connector
Simultaneous Charging	N/A	Yes
Display	10.4 in touch screen	
Support Language	English/Spanish	
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 back end connection and Ethernet for Power Cabinet local connection	
Protocol (EVSE&Back end)	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 ft above sea level	
IP Rating	IP55 / NEMA 3R	
IK Rating	IK10 (Screen IK08)	
Cooling	Forced Air Cooling	
Charging cable length	16.4 ft; Cable management system optional	
Dimensions	2.03 x 6.56 x 1.44 ft (WxHxD) (without cable management system)	3.08 x 6.56 x 1.44 ft (WxHxD) (with dual cable management system)
Weight	Approx. 507.06 lb (with cable management system)	
Installation	Ground mounting	
Certification and Standards		
Standards and compliance	FCC part 15 Class A, UL 2202, UL 2231-1, UL 2231-2	
Certificate	TUV, FCC, OCA, Energy Star	

Specifications 300kW Charger

General Information	Single Charger	Dual Charger
Output Interface	1 x CCS1	2 x CCS1
Output Power	300kW max.	300kW max.
Output Voltage	200-1000Vdc	200-1000Vdc
Output Current	300A max. / connector	300A max. / connector
Simultaneous Charging	N/A	Yes
Display	10.4 in touch screen	
Support Language	English/Spanish	
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 back end connection and Ethernet for Power Cabinet local connection	
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Specifications Power Cabinet

General Information	
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	≥94% @ Full load (Peak)
Output Power	240kW max. (180kW max. optional)
Output Voltage	200-1000Vdc
Output Current	500A max.
Output Channel	4 Channels max.
Button and switch	Emergency button
Network Interface	Ethernet to User Unit
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	≤6561.28 ft above sea level
IP Rating	IP55 / NEMA 3R
IK Rating	IK10
Cooling	Forced Air
Dimensions	3.44 x 6.73 x 2.46 ft (WxHxD)
Weight	Approx. 992.08 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, Energy Star
Certificate	TUV, FCC, Energy Star, OCA



Contact a SimplyFuel Solutions consultant for the options that best fit your needs.

Contact

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