

200kw / 300kW

# Neptune System

## Split DC Fast Charger



### Main Features

- Max. 300A output current.
- Up to 300 kW output power per connector.
- 200-1000Vdc wide output voltage range.

### Standard

#### Smart O&M

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

#### High Power

200A max. output current, 200kW max. per connector.

#### Scalability

Up to four charging points power cabinet: two duo or four single chargers.

Supports connecting multiple cabinets..

# 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	
Standards and compliance	FCC part 15 Class A, UL 2202, UL 2231-1, UL 2231-2	
Certificate	TUV, FCC, OCA, Energy Star	

# 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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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	
Certificate	TUV, FCC, OCA, Energy Star	

# 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
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

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