

200kW - Level 3

Triton

HPC DC fast split charging system on the ceiling



Main Features

- Max. 200A output current.
- Up to 200 kW output power per connector.
- 200-1000Vdc wide output voltage range.
- The chargers can be installed off the ground, minimizing the footprint

System on the Ceiling

Scalability

Supports connecting multiple cabinets
Up to four charging points per power cabinet.

Smart O&M

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

Optional

Optional battery/control box

Specifications - Charger

General Information		Optional Battery
Power Input	Auxiliary power supply: 85-264Vac, 50/60 Hz, L+N+PE	
Output Interface	1 x CCS1	
Output Power	200kW max.	
Output Voltage	200-1000Vdc	
Output Current	200A max. / connector	
Simultaneous Charging	N/A	
Display	N/A	10.4-inch touch screen
Support Language	English/Spanish	
Button and Switch	ON/OFF Button for maintenance	Emergency button
Authentication	Control box necessary - 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' above sea level	
IP Rating	IP55 / NEMA 3R	
IK Rating	IK10 (Screen IK08)	
Cooling	Forced Air Cooling	
Charging Cable Length	16.4' or 32.8' (cable management system is optional)	
Dimensions	2.82 x 1.08 x 0.33 ft (WxHxD)	1.94 x 1.31 x 0.52 ft (WxHxD)
Weight	Approx. 110.23 lb	Approx. 44.1 lb
Installation	Wall-mounting	
Certification and Standards		
Standards and compliance	FCC part 15 Class A, UL 2202, UL 2231-1, UL 2231-2	
Certificate	TUV, FCC, OCA	

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' 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
Certificate	TUV, FCC, OCA



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

Contact

ejward.com/contact/



SF - EV Triton 06/2024