

200kW

Triton

HPC 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 dispensers can be installed off the ground, minimizing the footprint on the user side.

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

User Unit	Charger	Battery (optional)
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	
Standards and compliance	FCC part 15 Class A, UL 2202, UL 2231-1, UL 2231-2	
Certificate	TUV, FCC, 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	≥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
Standards and compliance	FCC part 15 Class A, UL 2202, UL 2231-1, UL 2231-2
Certificate	TUV, FCC, OCA

Contact

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