

APEX SXE DCFC

60kW, 120kW & 160kW
Specification Sheet



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CHARGE**TRONIX**

ELECTRICAL	60kW AiO	120kW AiO	160kW AiO
Input voltage	480 VAC +/- 10%	480 VAC +/- 10%	480 VAC +/- 10%
Input frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Input type	L1+L2+L3+PE	L1+L2+L3+PE	L1+L2+L3+PE
Input AC Current(FLA)	75A	150A	200A
Input power	62kW	128kW	170kW
Power factor	≥0.99	≥0.99	≥0.99
THDi	≤5%	≤5%	≤5%
Connector options	CCS1; NACS	CCS1; NACS	CCS1; NACS
Output voltage	200-1000V	200-1000V	200-1000V
Maximum output current	CCS1 up to 200A NACS up to 200A	CCS1 up to 350A NACS up to 350A	CCS1 up to 350A(500A boost) NACS up to 350A(400A boost)
Rated power	60kW	120kW	160kW
Peak efficiency	≥96%	≥96%	≥96%

USER INTERFACE & COMMUNICATION	
Connectivity	Wi-Fi/Ethernet/4G
User Authentication	Credit Card, QR Code, RFID Card
ISO 15118 Plug & Charge	Hardware 15118-Ready
DIN 70121	Yes
Interface	15" HD touch screen
Accessible For Wheelchair ADA	Yes
Communication Protocols	OCPP 1.6 J, OCPP 2.0 J (Can Be Upgraded Later)
RFID Reader	RFID Reader (ISO 14443 & ISO 15693), Mifare1, NFC
Remote Management	Remote Access, Diagnostics, Software Updates
Emergency button	No

CHARGE**TRONIX**

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Contact Us

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GENERAL CHARACTERISTICS	
Operational altitude	<6562ft(2000m)
Operating temperature	-22~149°F(-30~65°C)(50°C/122°F derate)
Temperature derating	Up to 122°F(50 °C): 100% output power, 122°F-149°F(50-65 °C) interval, linear power limit, 149°F(65 °C) or more, module shutdown protection.
Storage temperature range	-58~176°F(-50~80°C)
Humidity	5 %-95 % Rh non-condensing
IP and IK rating	NEMA 3R / IK10
Dimensions	74.80*33.46*22.83In.(1900*850*580mm)
Weight	≤798lbs (362kg)
Enclosure material	Hot-dip Galvanized Sheet
Standard Cable length	16.4ft (5m)
Cable Management	Arm Type
Cooling method	Air cooled
EMC	Class A (industrial)
Protection	Undervoltage protection, Overvoltage protection, DC Overcurrent protection, Over-temperature protection, Surge Protection Device, Emergency Stop Protection, Ground Fault Detection
Operational functions	Flood detection, heater, cable management

CERTIFICATIONS	
Standards & Certifications	UL 2202:2022
	UL 2231:2022
	OCA OCPP 1.6 Full & Security OCA OCPP 2.0.1 Core & Advanced Security
	CSA C22.2 No.346:2022
	FCC Part 15 Subpart B:2021
	Energy Star
	CTEP & NTEP

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