
APEX SXE DCFC - 240kW

Specification Sheet



ELECTRICAL

Input voltage	480 VAC +/- 10%
Input frequency	50Hz/60Hz
Input type	3P + PE
Input AC Current(FLA)	300A
Input power	258kW
Power factor	0.99
THDi	≤5%
Connector options	CCS1; NACS
Output voltage	50-1000 Vdc 300~1000V is the output voltage of constant power output.
Maximum output current	CCS1: 200A, 300A Optional NACS: 200A, 300A Optional
Rated power	240kW
Peak efficiency	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

GENERAL CHARACTERISTICS

Operational altitude	<6562ft(2000m)
Operating temperature	-13°F-122°F(-25 °C to +50 °C) (Full power)
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	-22°F-158°F(-30 °C to +70 °C)
Humidity	5 %-95 % Rh non-condensing
IP and IK rating	IP55/NEMA 3R
Dimensions	W(31.5-36.1) * D29.5* H78.7in[W(800-918)mm*D750mm*H2000mm]
Weight	≤1058lbs(480 kg)
Enclosure material	Hot-dip Galvanized Sheet
Standard Cable length	Exposed 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
Operational functions	Tilt detection, flood detection, smoke detection, heater, cable management

CERTIFICATIONS

Standards & Certifications	UL 2202:2022
	UL 2231:2022
	cTUVus
	FCC Part 15
	Energy Star
	CTEP & NTEP