
APEX SXE DCFC

60kW, 120kW & 160kW
Specification Sheet



| 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 | 160kW | 160kW | 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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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

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|----------------------------|---|
| 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 |