



LCP-SC180

DC Fast Charger

Specifications

General Information

Input Rating	480Vac±10%, 3 phases, 50/60Hz, L1+L2+L3+PE+N(Optional)
Power Factor	≥0.98 @ Full Load*
Efficiency	≥94% @ Full Load (Peak)*
Output Interface	CCS1+CCS1
Output Power	180kW max. 120 & 150kW versions available
Output Voltage	200-1000Vdc
Output Current	300A max./connector

User Interface

Display	10.4 inches touch screen
Support Language	English (Other languages available upon request)
Button & Switch	Emergency button
User Authentication	RFID card, App, Credit card (Optional)
RIFD Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693

Communication

Network Interface	4G, Wi-Fi, Ethernet
Protocol (EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	DIN 70121, ISO 15118

Environmental

Operating Temperature	-30°C to 55°C (Derating from 50°C)*
Storage Temperature	-40°C to 70°C
Humidity	5% to 95% no condensation
Altitude	≤2000m above sea level*

Mechanical

NEMA enclosure	Type 3R
IK Rating	IK10 (Screen is IK08)
Cooling	Forced Air
Charging Cable Length	5m
Cable Management System	Optional / Trapezoidal Swing Arm Version
Dimensions (WxHxD)	800*750*2050mm (exlcuding cable management)
Weight	Approx. 450kg (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
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* Values will be updated after testing.