

SINEXCEL

DC FAST CHARGER 80kW



Up to 96%

efficiency @half load rate



200A High current

200A continuous charging



Full certification

CE RCM OCA1.6 RED

PEA TR25(TBD)



User Friendly

Barrier-free design



Plug & Charge ready

Hardware ready for PnC function



ELECTRICAL

Max Input Current	150A@80kW
Input Voltage Range	400(±10%) @50 Hz
DC Output Voltage	200-1000V
DC Rated power	80kW
Connector option	CCS2, CHA
Maximum output current	CCS2: 200A CHAdEMO: 125A
Protection	Over-Current, Over-Voltage, Under-Voltage, Ground-Fault, Over-Temperature, Short-Circuit, Insulation Monitor (IMD), Surge Protection(SPD)
Power Factor	≥0.99
THDI	≤5 %
Peak Efficiency	96%

USER INTERFACE & COMMUNICATION

Connectivity	Ethernet/GSM,4G
User Authentication	Credit card, APP, QR Code, RFID Card
ISO 15118 Plug & Charge	Hardware 15118-Ready
DIN 70121	Yes
Interface	15 "touch screen
Language	English (Support customizing other languages)
Barrier-free design	Yes
Communications Protocols	OCPP 1.6 J, OCPP 2.0.1 (Upgradable)
Remote management	Remote access, diagnostics, software updates

GENERAL CHARACTERISTICS

Protection Ratings	IP55, IK10
Operation Altitude	≤2000m
Operating Temperature	-25~65°C(50°C derate)
Humidity	5-95% (non-condensing)
Noise Level	≤75 dB(Within 1 meter)
Cable Length(exposed)	5m
Weight	≤360kg
Dimensions(W*D*H)	850*550*2030mm

CERTIFICATIONS

Standards&Certifications	CE OCA 1.6 RCM RED PEA
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