SINEXCEL

SEC 1000/160

SPECIFICATIONS

200V-1000V
Output range

Up to 96%
Efficiency

Full certification
UL | ENERGY STAR
CTEP&NETP | FCC

User-friendly
ADA
Multiple payment methods
Support for customization

PLUG& CHARGE
Hardware 15118-Ready

350A
CCS1 boost 500A
NACS boost 400A

System Specifications	
DC interfaces	CCS1 up to 350A(500A boost)
	NACS up to 350A(400A boost)
Load and charging management	Double connectors single charge
	Double connectors same charge
Operating temperature	-22~149°F(-30~65)°C
	(50°C/122°F derate)
Environmental conditions, in storage	-58~176°F(-50~80°C)
Humidity (in operation, storage)	5~95% (non-condensing)
Operating height	≤6561ft (2000m)
Efficiency	96%
Noise emission	≤80 dB(Within 1 meter)
Protection rating	NEMA 3R / Ik10
Dimensions (H x W x D)	74.80*33.46*22.83In.(1900*850*580mm)
Weight	≤793lb(360kg)
User interface	15 "touch screen
Remote management	Remote access, diagnostics, software updates

Power Supply	
AC nominal voltage (RMS)	480(±10%)
Rated Input Current	200A
Frequency	60 Hz
Network type	L1+L2+L3+PE | L1+L2+L3+N+PE
Power factor	≥0.99
THDi (Total harmonic distortion)	≤5%

Charging Interfaces	
Maximum total DC output power	60kW(266A boost)
	120kW(400A boost)
	160kW(500A boost)
Output DC voltage range	200-1000V
Charging connection options	CCS1+NACS;CCS1+CCS1
Cable lengths(exposed)	5m (7m optional)

Configuration	
Branding	Logo and supporting graphics (silkscreen)
CMS (Cable Management System)	Yes(Covering a radius of 3.5m from the parking space)
Accessibility	ADA
Start method	Credit Card, QR Code, RFID Card
Law on weights and measurements	CTEP&NETP
Multilingual system	Default English; customizable in other languages

Norms, compliance and standards	
DC standard protocol (communications with the vehicle)	ISO 15118-1/DIN 70121 and hardware 15118-Ready
RFID system	RFID reader (ISO 14443 & ISO 15693)
Network connections	Wi-Fi/Ethernet/4G
Communications protocol for the charging infrastructure	Open Charge Point Protocol (OCPP) 1.6 J, ready for 2.0 J
Standards & Certifications	UL 2202:2022
	UL 2231:2022
	CSA C22.2 No.346:2022
	FCC Part 15 Subpart B:2021
	ICES-002:2020
	Energy Star
	CTEP&NTEP