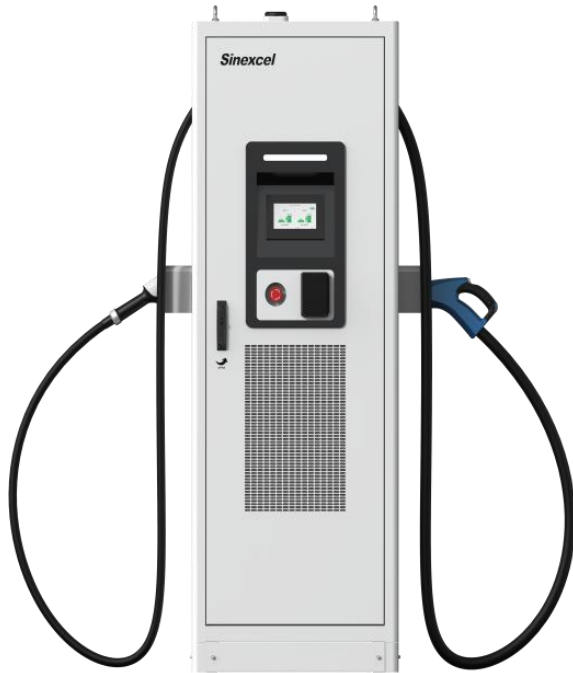


# Sinexcel

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## SEC 480kW distributed charger technical specifications



General	
Category	Parameter
Enclosure	304 stainless steel
IP rating	IP55
IK rating	IK10
Protection	Input over voltage protection, output under voltage protection, short circuit protection, over current protection, over temperature protection, surge protection, emergency stop protection, etc.
Ambient temperature	-30°C ~ +65°C
Rh	5% ~ 95%
Altitude	≤2000m
Communication	LAN/4G/Wifi
Protocol	OCPP1.6J (upgradable)
Indication	LED & User interface on user unit
Compliance and certification	IEC 61851, ISO 15118. Comply with CE and UKCA
EMC	Class A (industrial)

Power bank	
Category	
Input voltage	AC380~400V
Input type	L1+L2+L3+N+PE
Frequency	45~65Hz
Power factor	0.99
Peak efficiency	≥96% (Full load ≥96%)
Powe output	360~480kW
Maximum output current	1600A
Dimension	≤1400*800*1800mm
Weight	≤900kg

User unit	
Category	
Output voltage	100~1000V
Constant voltage range	300~1000V
Maximum no. of connector	6
Maximum current per connector	CCS2: 500A(liquid cooled)/200A(convention cooled) CHAdEMO: 200A
Cable length	3.5m(CCS liquid cooled)/ 5m(convention cooled)
Load sharing	Flexible load distribution according to user requirements
Incremental unit for output power distribution	40kW
Payment method	Visa/Master/RFID/Apple Pay etc.
Dimension	≤700*400*2100mm
Weight	≤300kg
Noise level	≤65dB 1m away from user unit