

SINEXCEL

DC FAST CE 480kW

SPECIFICATIONS

Up to 96%

efficiency @half load rate

Full certification

CE Eichrecht OCA1.6 RED RCM
PEA TR25

Max. 700A output

Output boost to 700A
Continuous charging at 500A

User-friendly

Barrier free
Multiple payment methods
More than 15 languages supported

Flexible configuration

6 connectors in maximum
Dual-connector dispenser and wallbox
dispenser available at the same time



Eichrecht
Certified

	Item	Parameter	
Power bank	Electric specification		
	Rated output power	480kW	
	Input Voltage Range	400(±10%) @ 50 Hz	
	DC Output Voltage	200-1000V	
	Power Factor	≥0.99	
	THDI	≤5 %	
	Peak Efficiency	96%	
	Maximum Output quantity	6 connectors	
	Protection	Lightning protection	
		Emergency protection	
		Overload protection	
		Short - circuit protection	
		Leakage protection	
		Overcharge protection	
		Over/Under voltage protection	
	Reverse connection protection		
	Over temperature protection		
Environment specification			
Operational altitude	<2000 m		
Operating temperature	-25 °C to +50 °C (Full power)		
Humidity	5 %-95 % Rh non-condensing		
Mechanical Specification			
IP/IK degree	IP55/IK10		
Dimension	W1600*D1100*H2000 mm		
Weight	≤1000kg		
Certificate			
Certificate	CE, RCM, PEA, TR25		
Dual connectors Dispenser	Electric specification		
	Output voltage	200- 1000V	
	Rated output power	Up to 700kW	
	Maximum current per connector	CCS2(Conventional cooling): 350A(boost to 500A); CCS2(Liquid cooling): 500A(boost to 700A);	
	Connector combination	350A+350A; 500A+500A; 500A+350A	
	User interface		
	Cable length	5m	
	Screen	15" HD touchscreen	
	User Authentication	Credit Card, QR Code, RFID Card, Autocharge	
	Connectivity	Ethernet/GSM, 4G	
	Language	English (Support customizing other languages)	
	Barrier free design	Yes	
	Mechanical Specification		
	Size	W450*D800*H2100 mm	
	Protection Level	IP55/IK10	
	Weight	≤250kg	
	Protocol and standards		
Backend communication	OCPP 1.6 J, OCPP 2.0.1		
EV communication	DIN70121, ISO 15118		
Standards	IEC 61851-1, IEC 61851-23, IEC 61851-21-2		
Certificate			
Certificate	CE, RCM, Eichrecht, MID compliant, OCA1.6J, PEA, TR25		
Single connector Dispenser	Electric specification		
	Output voltage	200- 1000V	
	Rated output power	Up to 500kW	
	Maximum current per connector	CCS2(Conventional cooling): 350A(boost to 500A)	
	User interface		
	Cable length	5m	
	User Authentication	RFID Card, Autocharge	
	Connectivity	Ethernet/GSM, 4G	
	Mechanical Specification		
	Size	W500*D200*H800 mm	
	Protection Level	IP55/IK10	
	Weight	≤80kg	
	Protocol and standards		
	Backend communication	OCPP 1.6 J, OCPP 2.0.1	
	EV communication	DIN70121, ISO 15118	
	Standards	IEC 61851-1, IEC 61851-23, IEC 61851-21-2	
	Certificate		
Certificate	CE		