

DC Charger Supercharging Series



Efficient

- 200~1000Vdc super wide range of output
- 240kW~720kW super wide range of power
- 500/600A super high charging current

Intelligent

- Operation by APP and cashless payment
- Support Ethernet, 4G, Wi-Fi communication
- Multiple type Connectors: CCS1, CCS2, GBT

Secure & Safe

- Ingress protection up to IP55
- Full level of electrical protection

Innovative

- 2~12 dispensers flexible combination
- 15.6-inch touch screen, support advertising

Supercharging series

Technical Specifications

Datasheet	Model	SXDCS240	SXDCS360	SXDCS480	SXDCS600	SXDCS720
Input Parameters	Power Supply	3P+N+PE				
	Nominal Voltage	380/400/415/440/480Vac, ±10%				
	Frequency	50/60Hz, ±3Hz				
	Power Factor	≥0.99 (More than 50% load)				
Output Parameters	Charge Connector	CCS1/CCS2/GBT, 5m Cable				
	Amount of Connector	2-12				
	Output Voltage	200~1000Vdc				
	Maximum Current	200/250A (Normal connector), 500/600A (Liquid cooling connector)				
	Rated Power	240kW	360kW	480kW	600kW	720kW
	Total Harmonic Distortion	≤5% (More than 50% load)				
	Ripple Factor	≤±1%				
	Efficiency	≥94% max.				
Interactive Interface	LCD Display	7-inch /15.6-inch color touch sreen				
	Start Mode	APP, RFID Card, Plug&Charge				
	Emergency Stop Button	Yes				
	Language	English (other language available on request)				
Communication	Ethernet	Yes				
	4G	Optional				
	WiFi	Optional				
	Protocol	OCPP 1.6 Json (OCPP 2.0 coming soon)				
Environment	Work Temperature	-30°C ~ 50°C				
	Work Humidity	5%~95% no condensation				
	Work Altitude	≤2000m				
	Noise	≤65dB				
Mechanical Parameters	Installation	Floor-mount				
	Ingress Protection	IP55				
	Impact Protection	IK10 (Screen IK08)				
	Dimensions (W*D*H)	Cabinet: 1800×1150×1890mm; Normal dispenser: 490×335×1750mm; Liquid cooling dispenser: 580×540×1870mm				
Safety	Residual Current Device	Type A				
	Electrical Protection	Over current protection, Residual current protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection, Short circuit				
	EMC	Class A				
	Certification Standard	IEC 61851-1:2019, IEC61851-21-2:2021				



Bus station



Highway



Parking Lot



Logistics vehicle



Electric truck