



Sun Series DC Charger

The 480KW DC charger is designed for complex operating scenarios with varying vehicle power requirements, featuring intelligent power distribution and full-matrix topology structure. It supports simultaneous charging for up to 12 connectors and is compatible with O&M platforms, remote OTA upgrades, and fault diagnosis. It is highly versatile and can be integrated into multiple platforms to meet diverse operational needs.



Efficient

- Up to 12 connector-synchronous charging
- Single connector output up to 480kW

Flexible

- App / RFID / Plug and Play
- Support POS terminal for contactless card payment
- Support multiple connector (CCS2, CHAdeMO, GB/T)

Intelligent

- Ethernet / 4G / Wi-Fi communication
- OCPP communication protocol with CMS
- Wireless payment on App

Safe

- Type A RCD for residual current protection
- Ingression protection:
main cabinet IP55; terminal IP65
- MID certified AC meter
- ISO 15118 compliant
- ETSI 303645 cyber security compliant



Soon to be launched.

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Datesheet	Model	DC480K-E2E01-480	DC360K-E2E01-360	DC240K-E2E01-240
Input	Power Supply	3P+N+PE		
	Rated Voltage	400V AC		
	Rated Current	745A		
	Frequency	50 / 60HZ		
	Maximum terminal number	2	2	4
Output	Output Voltage	200-1000V DC		
	Maximum Current	480A	360A	240A
	Rater power	480kW	360kW	240kW
User Interface	Charge Connector	CCS2 / CHAdeMO / GB/T		
	Cable Length	5m		
	Enclosure	Galvanized steel		
	LED Indicator	Green / Yellow / Red		
	LCD Display	10"color touch screen		
	Start Mode	Plug & Play / RFID card / App / POS		
	Emergency Stop	Yes		
Communication	Wi-Fi	Yes		
	Ethernet	Yes		
	3G/4G	Yes		
	Ocpp	Ocpp1.6Json(Ocpp2.0 upgradable)		
Electrical Parameter	Efficiency	Max 95%		
	Power Factor	≥0.99@50%~100% loading		
	THD	≤5%@100% loading		
	Ripple Factor	≤±1%		
Safety	RCD	Type A		
	Ingress Protection	IP55		
	Impact Protection	IK08		
	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection		
	Certification	CE / CB		
	Standard	EN IEC 61851-1, IEC61851-23, EN 61851-24		
Environment	Installation	Floor-stand		
	Cooling Method	Liquid cooling	Fan cooling	
	Noise	≤65dB		
	Work Temperature	-30°C~+50°C		
	Work Humidity	5%~95%		
	Work Altitude	<2000m		
Package	Product Dimension	475*300*1834mm (W*D*H)		
	Package Dimension	530*400*2130mm (W*D*H)		
	Net Weight	200kg	190kg	110kg
	Gross Weight	250kg	240kg	135kg
	External Package	Wood case		