

High Efficiency

- + One charger with two outputs, simultaneously charging
- + Two CCS2 DC connectors, with output up to 120kW
- + Constant power from 300~1000V voltage, less heat with smaller current

Secure and Safe

- + Type A RCD for residual current protection
- + PTB certified energy meter with accurate measurement
- + ISO15118 prepared for advanced feature of Plug&Charge

Intelligent Control

- + Ethernet/4G/Wi-Fi communication all supported
- + OCPP communication protocol with CMS
- + Intelligent operation by App and cashless payment

Flexible Option

- + App operation or RFID authentication or plug and play
- + High protection grade as IP54, with IP65 optional
- + Optional POS terminal for contactless credit card payment



DATASHEET	MODEL	DC120K-E2
Input	Power Supply	3P+N+PE
	Rated Voltage	400V AC
	Rated Current	300A
	Frequency	50/60Hz
Output	Output Voltage	200-1000V DC
	Maximum Current	200A
	Rated Power	120kW
User Interface	Charge Connector	CCS2
	Cable Length	5m
	Enclosure	Galvanized steel
	LED Indicator	Green/Yellow/Red
	LCD Display	10" color touch screen
	RFID Reader	Mifare ISO/IEC 14443 A
	Start Mode	Plug&Play/RFID card/App
	Emergency Stop	Yes
	POS Terminal	Optional
Communication	Wi-Fi	Yes
	Ethernet	Yes
	3G/4G	Yes
	OCPP	OCPP 1.6 Json (OCPP 2.0 optional)
Electrical Parameter	Efficiency	≥95%
	Power Factor	≥0.99 @ 50%-100% loading
	THD	≤5% @ 50%-100% loading
	Ripple Factor	≤±0.5%
Safety	Energy Meter	PTB certified
	RCD	Type A
	Ingress Protection	IP54
	Impact Protection	IK08
	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection
	Certification	CE
	Certification Standard	EN/IEC 61851-1: 2017, EN/IEC 61851-23: 2014
	Warranty	2 years
Environment	Installation	Floor-stand
	Cooling Method	Fan cooling
	Work Temperature	-30°C- +50°C
	Work Humidity	5%-95%
	Work Altitude	<2000m
Package	Product Dimension	750 x 525 x 1830mm (H*W*D)
	Package Dimension	1020 x 745 x 2030mm (L*W*H)
	Net Weight	240kg
	Gross Weight	280kg
	External Package	Wood case