

Corebox Series DC Charger

Datasheet	Model	DC030K
Electrical Specification	Power Supply	3P+N+PE
	Input Voltage	400V $\pm$ 10% AC
	Input Current	48A
	Input Frequency	50 / 60Hz
	Output Voltage	200-1000V DC
	Maximum Current	80A
	Maximum Output Power	30kW
Basic Attributes	Charge Connector	CCS2
	Cable Length	5m
	Enclosure	Galvanized Steel
	Installation	Wall-mount / Pole-mount (Optional)
Interactive interface	LED Indicator	Green / Yellow / Red
	LCD Display	4.3' Color Touch Display
	RFID Reader	Support
	Start Mode	App / QR / RFID Card
Communication	Wi-Fi & Ethernet	Yes
	4G	Optional
	OCPP	OCPP 1.6 Json
Electrical Parameter	Efficiency	Max 95.5%
	Power Factor	$\geq$ 0.99@50%-100%
Loading	THD	$\leq$ 5%@100% Loading
	Ripple Factor	$\leq$ 1%
Safety	RCD	Optional
	Emergency Stop	Yes
	Ingress Protection	IP54
	Impact Protection	IK10 (w / o screen)
	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
	Certification Standard	EN IEC 61851-1 : 2019, EN 61851-23 : 2014, EN 61851-24:2014 EMC : EN 301489-1 V 2.2.3 : 2019 EN 301489-3 V 2.1.1 : 2019 EN 301489-17 V 3.2.0 : 2017 EN IEC 61000-6-2 : 2019 EN IEC 61000-6-4 : 2019 EN IEC 61851-21-2 : 2021 EN IEC 62311 : 2020
	Warranty	2 Years
Working Environment	Cooling Method	Fan Cooling
	Noise	$\leq$ 65dB@22°C
	Operation Temperature	-30°C ~+50°C
	Work Humidity	5%-95%
	Work Altitude	<2000m
Package	Product Dimension	706*570*209mm (W*D*H)
	Package Dimension	846*772*412mm (W*D*H)
	Net Weight	35kg
	Gross Weight	40kg
	External Package	Carton

