Corebox Series DC Charger

Corebox Series DC Charger is designed for efficiency and convenience, it delivers high-speed charging to keep you on the move. With its intelligent features, it offers seamless integration with smart grids, load balancing, and remote monitoring capabilities. The sleek and compact design fits perfectly into any environment, while the user-friendly interface provides a hassle-free experience. Equipped with advanced safety features and compatibility with various EV models, this DC charger is the perfect solution for both commercial and public charging stations.

EU Standard

Innovative

- Anti-theft lock with special unlock tool
- App control & operation
- Faster charging with smaller installation space

Intelligent

- OCPP 1.6 Json

Flexible

- Wall-mount/Pole-mount (Optional)
- Start modes: RFID/App

Secure and Safe

- Modular design, easy to repair and replace
- Emergency stop switch, improving the safety

CE CB

Corebox Series DC Charger

Datasheet	Model	DC030K
Electrical Specification	Power Supply	3P+N+PE
	Input Voltage	400V ±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	Max95.5%
	Power Factor	≥0.99@50%-100%
Loading	THD	≤5%@100%Loading
	Ripple Factor	≤±1%
Safety	RCD	Optional
	Emergency Stop	Yes
	Ingress Protection	IP54
	Impact Protection	IK10 (With screen 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
	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	≤65dB@22ºC
	Operation Temperature	-30ºC ~+50ºC
	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	35.3kg
	Gross Weight	40.0kg
	External Package	Carton