

Mobox Series DC Charger

Mobox Series DC Charger features an integrated portable design characterised by compact size and lightweight construction. This design allows for quick power connection, easy mobility and convenient vehicle transport.

EU Standard



Innovative

- Anti-theft screw
- App control & operation
- Faster charging with smaller installation space

Intelligent

- 10" touch display
- OCPP 1.6 Json

Flexible

- Wall-mount / Pole-mount (Optional)
- Start Mode: App / QR code / RFID Card / POS (Optional)

Secure and Safe

- Modular design, easy to repair and replace
- IP54 high ingress protection level
- MID Meter (Optional)

CE CB

Mobox Series DC Charger

Datasheet	Model	DC040K
Electrical Specification	Power Supply	3P+N+PE
	Input Voltage	400 V AC ±10%
	Input Current	63 A
	Input Frequency	50 / 60 Hz
	Output Voltage	200-1000V DC
	Maximum Output Current	133.3 A
	Maximum Output Power	40 kW
Basic Attributes	Charge Connector	CCS2
	Number of Cable	1
	Cable Length	5 m
	Enclosure Material	Galvanized Steel
	Colour	Granite Gray (RAL 7026)
	Installation	Wall-mount / Pole-mount (Optional)
Interactive Interface	LED Indicator	Green / Yellow / Red
	LCD Display	10" Colour Touch Display
	RFID Reader	Mifare Classic ISO/IEC 14443-A DESFire Duox ISO/IEC 14443-A FeliCa JIS X 6319-4
	Start Mode	App / QR code / RFID Card / POS (Optional)
Communication	Wi-Fi & Ethernet & 4G	Yes
	OCPP	OCPP 1.6 Json
Electrical Parameter	Efficiency	Max 95.5%
	Power Factor	≥0.99@50%-100% Loading
	THD	≤5%@100% Loading
	Ripple Factor	≤±1%
Safety	RCD	Type A
	Emergency Stop	Yes
	Ingress Protection	IP54
	Impact Protection	IK10 (w / o Screen)
	Electrical Protection	Overcurrent 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 IEC 61851-1:2017 IEC 61851-21-2:2021 EN 61851-23:2014 EN 61851-24:2014 EN 18031-1:2024
	Warranty	2 Years
Working Environment	Cooling Method	Fan Cooling
	Operating Temperature	-30°C to +50°C
	Operating Humidity	5%-95%
	Operating Altitude	<2000 m
Package	Product Dimension	550 x 300 x 850 mm (W x D x H)
	Package Dimension	746 x 450 x 1215 mm (L x W x H)
	Net Weight	79 kg
	Gross Weight	110 kg
	External Package	Wood Case