

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 (OCPP 2.0 upgradeable)

Flexible

- Wall-mount/Pole-mount/Movable
- 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)



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Datasheet	Model	DC030K	DC040K
Electrical Specification	Power Supply	3P+N+PE	3P+N+PE
	Input Voltage	400V AC	
	Input Current	47A	63A
	Input Frequency	50/60HZ	
	Output Voltage	200-1000V DC	
	Maximum Output Current	100A	133.3A
	Maximum Output Power	30kW	40kW
Basic Attributes	Charge Connector	Standard:CCS2 Customizable:CHAdEMO/GBT/CCSI	
	Number of Cable	1	
	Cable Length	5m	5m
	Enclosure	Galvanized Steel	Galvanized Steel
	Installation	Wall-mount/Pole-mount(Optional)/Movable(Optional)	
Interactive Interface	LED Indicator	Green/Yellow/Red	
	LCD Display	10" Color Touch Display	
	RFID Reader	Mifare ISO/IEC 14443A	
	Start Mode	App/QR code/Rfid Card/POS(Optional)	
Communication	Wi-Fi & Ethernet	Standard	
	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	Type A(Optional)	
	Emergency Stop	Yes	
	Ingress Protection	IP54	
	Impact Protection	IK10(w/o 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 IEC 61851-1:2017 IEC 61851-21-2:2021 EN 61851-23:2014 EN 61851-24:2014	
Working Environment	Warranty	2 Years	
	Cooling Method	Fan Cooling	
	Noise	≤65dB@22°C	
	Operation Temperature	-30°C ~+50°C	
	Work Humidity	5%~95%	
Package	Work Altitude	<2000m	
	Product Dimension	550*850*300mm(W*H*D)	
	Package Dimension	650*960*400mm(W*D*H)	
	Net Weight	75kg(with power module)55kg(without power module)	
	Gross Weight	90kg(with power module)70kg(without power module)	
External Package	Wood Case		