

# 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 J2013

## 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	DC030K	DC040K
Electrical Specification	Power Supply	3P+N+PE	3P+N+PE
	Input Voltage	400V AC ±10%	
	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	CSS2	
	Number of Cable	1	
	Cable Length	5m	
	Enclosure	Galvanized Steel	
Interactive Interface	Installation	Wall-mount / Pole-mount (Optional)	
	LED Indicator	Green / Yellow / Red	
	LCD Display	10' Color Touch Display	
	RFID Reader	Mifare ISO / IEC 14443 A&B	
Communication	Start Mode	App / QR code / RFID Card / POS (Optional)	
	Wi-Fi & Ethernet	Standard	
	4G	Yes	
Electrical Parameter	OCPP	OCPP 1.6 J2013	
	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	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*300*850mm (W*D*H)	
	Package Dimension	650*960*400mm (L*W*H)	
	Net Weight	79kg	
	Gross Weight	110kg	
External Package	Wood Case		