



Mobile Charger MC-60

The MC-60 is a mobile DC charging station with a charging power of up to 60 kW.

Whether in the workshop area or in the depot, this option for DC charging is flexible to use. The compact design includes the communication technology and the power electronics required for the DC charging of e-vehicles. Monitoring by a back-end is also included.

- 7" touchscreen for easier handling
- 5 m charging cable, CCS Combo 2, 5 m connection cable CEE 125A
- Nominal 750 V charging voltage available
- Communication with the back-end via LTE network
- Steel sheet, powder-coated
- Customized design on request

Mobile Charger MC-60 data sheet

This mobile charger is an absolute must in the servicing of e-vehicles. Due to expanded monitoring functions, the user is provided with data about the charging and diagnosis of e-vehicles. The compact DC charging station is the link for the connection of the vehicle to be loaded to a standard CEE 125A socket. The charger fulfills the following functions:

- Communication with the vehicle and monitoring of the charging process
- Measuring of the energy volume charged (optionally compliant with calibration law) and transmission of data to the back-end (optionally online connectivity)
- Communication with the end customer via 7" touch display

The components mounted into this charging container are located in a stable sheet steel housing which is weatherproof and specially protected against shock and vibration.



Electrical data

Input	
Nominal voltage	400 V _{AC} ±10 %
Power	65 kW
Output	
Nominal voltage	750 V _{DC}
Range	400 – 900 V
optional	200 – 450 V (160 A)
Nominal current	80 A
Charging power	60 kW
EMC	EN 61000-6-3 EN 61000-6-2 EN 61851-21-2
Electrical safety	EN 62477-1
Electrical connections	
Input	5 m cable CEE 3x125A
Output	charging cable 5 m CCS cable

Environmental conditions

Ambient temp. during normal operation	-25 °C to 55 °C
Relative humidity	0 % – 95 %
Operation altitude	up to 2000 m
Protection class	IP 54
Shock resistance	IK09
Base	mobile, with locking brake
Dimensions	
Width	730 mm
Depth	890 mm
Height	1650 mm
Colour	RAL 9016 structure
Weight	approx. 300 kg

Communication

Charging controller each charging point ISO 15118, DIN 70121, IEC 61851-1, IEC 61851-23, IEC 61851-24
LTE, LAN/WLAN, DC energy counter compliant with calibration law (accessory), OCCP