MOBILE CHARGER 22–920

Mobile DC fast charger

With the Mobile Charger 22-920, you can charge electric vehicles quickly anytime and anywhere – now with support for up to 1000 V. The device is ideal for fleet operations, the automotive industry, vehicle manufacturers and for use at events.

Thanks to state-of-the-art SiC semiconductors with minimal switching losses, an optimised circuit topology and innovative air cooling, the fourth generation of Mobile Chargers is even more robust and powerful than ever before. In addition, the Mobile Charger has been specially extended for 800 V and 1000 V platforms in order to optimally support future vehicle generations.

Power	Voltage	Weight
22 kW	**1000 V**	**39 kg**

Unparalleled flexibility

Weighing just 39 kg, the Mobile Charger MDC 22-920 can be transported by a single person. This means fast charging is always available, wherever you are.

High Compatibility

The MDC 22-920 fast charger can operate with all common connectors on both power supply and vehicle side.

High charging capacity

The MDC 22-920 charges with up to 22 kW. Despite the considerable power, no expansion of the infrastructure is required. Widespread CEE 32A/400V sockets are sufficient for operation.

Reasonably priced

In contrast to the charging station, no personnel or financial outlay is required for installation. As the device is mobile, you can save on multiple installations if necessary.

Custom features

We customise the scope of delivery to match your specific requirements. The Mobile Charger 22-920 is available as a mobile solution and can be mounted on a trolley for easy transport and flexible use.

As a user of our chargers, please pay attention to the respective applicable standards and regulations for the operation and installation of charging equipment for electric vehicles in your respective region.

Technical data

General	
Measures L×W×H	500 × 240 × 510 (without trolley)
Weight	39 kg (without cable)
AC input data	22 kW, 3 × 32 A, 400 V +-10 %, 45–65 Hz
AC plug type	CEE 32, CEE 16, 3P + N + PE
DC output data	21 kW, 60 A, 150 – 1000 V
DC plug type	CCS Typ 2, CCS Typ 1, CHAdeMO, GB / T, NACS
Efficiency	> 96 % from 30 % load
Power factor	> 0.99 from 50 % load
Conformity and security	2008/98/EG EU-Waste Framework Directive 2011/65/EU RoHS-Directive 2014/30/EU EMV-Directive 2014/35/EU Low Voltage Directive
Harmonisation regulations/ standards	IEC 61851-1:2017 IEC 61851-21-2:2018 IEC 61851-23:2023
Charging standard	DIN70121, ISO15118, CHAdeMO-Ver.1.2 / 2.0, GB / T-27930-2015
Operation	4.3” touchscreen, 2 buttons
Housing	Out- and indoor, IP54
Impact protection	IK8
Cooling system	Infinitely variable, temperature dependent
Operating volume	< 65 db (A) @1 m
Operating temperature	- 25 °C to + 50 °C
Maximum operating altitude	2000 m
Relative humidity	5 % bis 95 %, not condensating
Storage temperature	- 25 °C to + 70 °C

Use case


Cars


Light commercial vehicles


Construction machinery


Electric Motorbikes

Contact

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