

MOBILE DC FAST CHARGER 22kW 450V



COMPACT, FLEXIBLE AND PORTABLE

With the MDC22 you can charge anywhere, any time. Thanks to the extremely compact size, the mobile unit is ideal for fleets, the automotive industry, vehicle manufacturers, and events.

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UNPARALLELED FLEXIBILITY

At only 22.5kg, the MDC22 mobile rapid charger can easily be carried by a single person. So rapid charging is available anywhere, at any time.

HIGH COMPATIBILITY

The MDC22 rapid charger can be fitted with any common mains or on-board connection.

HIGH CHARGING CAPACITY

The MDC22 will charge with up to 22kW. Despite the remarkable power, it requires no infrastructure upgrades. Widely used CEE 32 sockets are sufficient for operation.

REASONABLY PRICED

Unlike an EV charging station, no personnel or financial outlay are required for installation. Since the charger is mobile, you save yourself the expense of setting up several installations.

CUSTOM FEATURES

We will customise the scope of delivery for your unit to your specific needs. The MDC22 mobile rapid charger can also be used with bracket-mounted wheels.

TECHNICAL SPECIFICATION

Measures	620x195x370mm
Weight	22.5kg (without cable)
AC Input Data	22kW 3x32A 400V+/-10% 45-65Hz and 7kW 1x30A 230V+/-10%
AC plug type	CEE 32, CEE 16, Type 2, 3P+N+PE
DC output data	20.8kW, 60A, 270-450V (20A <315V and >430V)
DC plug type	CCS Type 2, CCS Type 1, CHAdeMO, GB/T
Efficiency	>94% from 30% load
Power Factor	>0.99 from 50% load
Conformity, security	CE, 2014/35/EG, IEC 61851, IEC61000-6-2,-3
Charging standard	DIN70121, ISO15118, CHAdeMO-Ver1.1, GB/T-27930-2015
Operation	OLED graphic display, 2 buttons
Housing	Out- and Indoor IP54
Impact protection	IK8
Cooling system	infinitely variable, temperature dependent
Operating volume	< 65dB(A) @ 1m
Operating temperature	-20°C to +40°C
Relative humidity	5% to 95%, not condensing
Storage temperature	-20°C to +85°C



CHARGING TIME FOR	BATTERY CAPACITY	STANDARD 3.7kW	MDC22-450
BMW i3 94Ah	27.2kWh	2h 15min @11kW	60min
VW e-Golf 2017	31.5kWh	7h 25min	1h 10min
Kia Soul EV 2017	30kWh	7h 10min	1h 10min
Mitsubishi Outlander PHEV	10kWh	3h 30min	25min
Nissan Leaf/E-NV200 30	27kWh	6h 30min	60min
Opel Ampera-e	60kWh	14h 20min	2h 20min
Hyundai IONIQ Electric	28kWh	6h 45min	1h 5min

All charging times refer to a charging of 80% of the manufacturer approved battery capacity.