

# MOBILE DC FAST CHARGER 44kW 450V



## FLEXIBLE AND PORTABLE

The MDC44 provides mobile charging at up to 300km/h. This makes it ideal for fleets, for the auto industry, for vehicle manufacturers, for test centers, or during events.

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### UNPARALLELED FLEXIBILITY

At a weight of only 48kg, the MDC44 mobile rapid charger can be transported with minimal effort. So rapid charging is available anywhere, at any time.

### HIGH COMPATIBILITY

The MDC44 rapid charger can be fitted with any common mains or on-board connection.

### HIGH CHARGING CAPACITY

The MDC44 will charge with up to 44kW. Common CEE 63 or CEE 32 sockets are sufficient for operation.

### REASONABLY PRICED

Unlike an EV charging station, no personnel or financial outlay are required for installation. Since this unit 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. So you can purchase all accessories, such as cables, from one supplier.

### TECHNICAL SPECIFICATION

Measures	500x380x720mm (without castors)
Weight	48kg (without cable)
AC Input Data	44kW 3x63A 400V+/-10% 45-65Hz optional 14kW 1x60A 230V+/-10%
AC plug type	CEE 63, CEE 32, 3P+N+PE
DC output data	41.5kW, 120A, 270-450V (40A <315V und >430V)
DC plug type	CCS Type 2, CCS Type 1, CHAdeMO, GB/T
Efficiency	>94% from 15% Load
Power Factor	>0.99 from 25% 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 condensating
Storage temperature	-20°C to +85°C



CHARGING TIME FOR	BATTERY CAPACITY	STANDARD 3.7kW	MDC44-450
BMW i3 94Ah	27.2kWh	2h 15min @11kW	30min
VW e-Golf 2017	31.5kWh	7h 25min	35min
Nissan Leaf/E-NV200 30	27kWh	6h 30min	30min
Tesla S P100	98.4kWh	7h 55min @11kW	1h 55min
Hyundai IONIQ Electric	28kWh	6h 45min	35min
Jaguar I-PACE	85kWh	20h 25min	1h 40min
Audi e-tron	83.6kWh	6h 45min @11kW	1h 35min

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