

# Data Sheet eTower 200

Be Connected, Choose Metric



**metric** 

**ev charging** 

# Technical Data

## General Information

Charging mode	DC, mode 4
Number of charging points	2
Charging connector	2x CCS charging cable (3,5 m)
IT backend connection	OCPP 1.6 JSON
Authorisation	Free charging, RFID, smartphone app, credit card, girocard

## Mechanical details

Mounting type	Base mounted (bm)
Enclosure material	Stainless steel
Surface	Powder coated
Lock	Swivelling lever, built-in space for one profile half cylinder
Dimensions (HxWxD)	2,000 x 1,200 x 450 mm
Weight	Approx. 750 kg

## Electrical data

Maximum charging output per charge point	DC: max. 200 kW flexible load distribution to both charge points
Nominal voltage, number of phases, nominal frequency	400 V; 3; 50 Hz
Output voltage	200 - 800 V
Maximum input current	342 A per phase, configurable
Maximum output current	500 A
Device power consumption in standby mode	< 50 W
Efficiency	> 96 %
Connections	5-pole terminals (max. 240 mm <sup>2</sup> )
Earthing system	TN
Protection	MCCB 400 A
Overvoltage protection	Type 1+2+3 compliant with DIN EN 61643-11
Protection class	1

# Technical Data

## Connectivity

Communication interface to IT backends	LAN, mobile data network (2G/4G)
Protocols for communication with IT backends	OCPP 1.6 JSON
Protocols for communication with third-party devices	Modbus TCP/IP
Communication Interface EV and EVSE	ISO 15118, DIN SPEC 70121
Update capability	LAN, mobile data
User interface	User instructions via display and four buttons
Status display	LED status indicator for each charge point + LED strip
Display	Size: 15" display

## Certification

IP protection class	IP54
Impact resistance	IK10
Meter / German calibration law	DC meter with SAM storage and display module
Approvals	CE, RoHS, REACH, GPSD, WEEE
Standards	IEC 61851-1; IEC 61851-23; IEC 62196; ISO 14443A/B; IEC 61851-21-2; IEC 61851-21-2; VDE-AR-N-4100

## Environmental conditions

Storage temperature	-25 °C to +50 °C
Environmental operating temperature	-25 °C to +40 °C
Humidity	< 95 % (non-condensing)
Degree of pollution	3
Noise level	< 55 dBA
Areas of use	Internal & external areas
Operating altitude above sea level	2,000 m max

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## Contact us

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