Technical Datasheet

E-Tower

Common

Dimension	1407 x 350 x 200mm (H x W x D)
Material	Stainless steel 1.4301
Material thickness	2.0 mm
Weight	Approximately 51 kg
Protection devices	RCD Type B and MCB included, Lightning and overvoltage protection is optional
IP level	IP 54/44
Operating & storage temperature	-25°C till +50°C
Recommended power consumption	3-phase 400V AC, 32A (22kW) per charging socket
Supply cable cross-section	16 mm², additional PE for lightning and overvoltage protection
Amount of charging sockets	2
How to enable charging	Via RFID-Card
Mounting	On concrete pedestal
Branding/Color	Customer specific
Standards	CE, EMV, RoHS, IEC62196, IEC 61851
WEEE Reg. – Nr.	DE 24602213

How to use (Example):

- Plug in Type 2 plug
- Charging starts after authentification via RFID
- Signage of the charging state with the LED strips over the charging socket and the plug symbol on the front
- To stop the charging process read in your RFID-Card again
- Disconnect Type 2 plug

Important:

The door for mounting the E-Tower is on the backside. Please get sure, that the backside of the E-Tower requires a space of at least 600 mm at its place of installation.

Order number: 313257

Changes due to technical development progress are reserved.

Charging data

Charging sokcets	Type 2
Charging current	Configurable, max. 32 A
Voltage	230 V / 400 V AC
Output power	max. 22 kW per charging socket
Charging mode	Mode 3
Communication with EV	Yes
Plug and EV recognition	Yes
Charging time*	Approximately 1 h
Plug locking	Yes
Unlocking if power fails	Yes

* depending on a EV that includes a AC-DC-Converter with a output power equal to the input power (22 kW) and a battery with a capacity of 22 kWh.