

eMH1 WALLBOX

WITH CHARGING SOCKET

22 kW

The eMH1 EVSE 552 is the smallest wallbox worldwide with built-in Type 2 charging socket for semi-public installations. The eMH1 is the perfect indoor and outdoor solution for efficient EV charging in corporate, hotel, exhibition center or underground car parks. With a choice of separately available charging cables (Type 2 to Type 2, Type 2 to Type 1), the system offers flexible charging of various types of electric vehicles. The charging socket is locked during the charging process to ensure a high safety level for the user and the vehicle. The eMH1 EVSE 552 has been tested successfully by TESLA MOTORS GmbH for use with TESLA electric vehicles.



General information

Model	eMH1
Part number	EVSE 552
EAN number	4011721169507
Commodity code	85371091
Packaging unit (PU)	1 unit
Packaging (dimensions HxWxD)	400 x 400 x 285 mm
Includes	EVSE 552 Wallbox, printed Quick Start Guide, drilling template, 2 keys

Input/Supply

Power supply	for supply cable sizes up to 5 x 6 mm ²
Rated voltage	230 / 400 V
Rated current	32 A
Rated frequency	50 Hz
Back-up fuse	32 A (required onsite), C characteristic recommended
Terminal block	up to 6 mm ²

Output/vehicle connection

Connection system	Single lockable Type 2 charging socket in acc. with IEC62196-2
Output voltage	230 / 400 V
Max. charging current	32 A
Maximum output	22 kW
Shut down (Standby)	all contacts

Protection/integrated components

RCCB	RCCB Type B, 30 mA required onsite
DC fault current detection	-
Energy meter	-
Installation contactor	4-pole (charging procedure activation)

Charge control/status indicators

Charge controller	EVCC
Communication	in acc. with IEC 61851-1, Mode 3
Operating status indicator	LED (stand-by, EV detected, charging)
Firmware indicator	LED (flashes on startup)
Fault indicator	LED (various flash patterns)
Interface	RS485

Standards/Directives

IEC 61851-1 Ed 2.0:2010

Operating conditions

Storage temperature	-30°C to 85°C
Operating temperature	-30°C to 50°C
Relative humidity	5 to 95%, no condensation
Class of protection	I
Overvoltage category	III
Pollution degree	3
Degree of protection (housing)	IP44
Power dissipation	n/a

Housing

Type	Wall-mounted housing
Fixing type	Plug and screw fixing (screws included)
Material (housing)	Plastic
Housing color	RAL9005, black
Material (cover)	Plastic
Cover color	RAL9006, white aluminum
Locking mechanism	Lockable cover with integrated lock
Dimensions (HxWxD)	272 x 221 x 116 mm
Weight	ca. 2.3 kg

Optional accessories

Pole	STEMH10
Mounting plate/wall bracket	WHEMH10
Mounting plate/wall bracket with RFID user identification	RFIDM00
Type 2 charging cable	LAK32A3, 32 A 240/415 V AC, length approx. 4 m
Type 2 charging cable	LAKC222, 20 A 240/415 V AC, length approx. 7 m
Type 2 to Type 1 adapter cable	LAKK2K1, 32 A 230 V AC, length approx. 4 m

Dimensioned drawing

