

eMH3 WALLBOX SINGLE

WITH CHARGING SOCKET

22 kW

Our new eMH3 wallbox impresses with an extremely clean and elegant design. The color backlit symbols in the mirror-finish black cover with silver frame indicate the current charging status. This eMH3 Single has one Type 2 charging socket with a charging capacity of up to 22 kW. Of course, the eMH3 comes with our DC fault current detection installed as standard. In addition, a GSM module is integrated and allows for accounting the consumed charging current with a backend via the OCPP protocol. The wallbox is prepared for use as a master. The master-slave system is suitable for group solutions that are billed via a back end system.



General information

Model	eMH3
Part number	3W2208
EAN number	4011721171555
Commodity code	85371091
Packaging unit (PU)	1 unit
Packaging (dimensions HxWxD)	492 x 400 x 194 mm
Includes	eMH3 Wallbox, printed Quick Start Guide, 1 three-square socket wrench

Input/Supply

Power supply	for supply cable sizes up to 5 x 10 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	Direct connection to RCCB PE: 10 mm ² feed-through terminal block

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 A, 30 mA
DC fault current detection	electronic, $I_{\Delta n \text{ d.c.}} \geq 6 \text{ mA}$
Energy meter	MID-approved (Ttotal/kWh, Tpart./kWh, P, U, I)
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
Access control	RFID MIFARE, SMS via backend
Communication	GSM, OCPP 1.5

Standards/Directives

IEC 61851-1 / 61439-7

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)	IP54
Power dissipation	0.5 W

Housing

Type	Wall-mounted housing
Fixing type	Wall mounting via supplied mounting plate and screws
Material (housing)	Plastic
Housing color	RAL9005, black
Material (door)	Plastic
Door color	RAL9005, black
Locking mechanism	integrated lock
Dimensions (HxWxD)	492 x 400 x 192 mm
Weight	ca. 5.7 kg

Optional accessories

Pole	STEMH30
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

