

# 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 Shutter) with a charging capacity of up to 22 kW. For access control, the internal RFID module of the eMH3 Wallbox can be activated at any time via software. Of course, the eMH3 comes with our DC fault current detection installed as standard. 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.



## General information

Model	eMH3
Part number	3W2209
EAN number	4011721171531
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 <sup>2</sup>
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 <sup>2</sup> feed-through terminal block

## Output/vehicle connection

Connection system	Single lockable Type 2 charging socket in acc. with IEC62196-2 (with Shutter)
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	-
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
RFID card reader	integrated (disabled by default), support for MIFARE ULTRA-LIGHT transponder
Access control	RFID (after activation via software tool)

## 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

