

eMH3 WALLBOX

SINGLE SLAVE+ WITH CHARGING SOCKET

22 kW

The weights and measures legislation compliant Wallbox eMH3 has an integrated Type 2 charging socket. In multiple unit installations up to 15 eMH3 Slave Wallboxes can be connected to one master unit. Alternatively, the Wallbox eMH3 can be configured via software for stand-alone operation. With a Type A residual current circuit breaker (RCCB) and fault current detection integrated as standard, the wallbox is pre-installed and ready for connection by the installing technician and for immediate use. The eMH3 is 'Made in Germany' and offers the highest safety standards available.



General information

Model	eMH3
Model number	3W2250
EAN number	4011721176345
Commodity code	85371091
Packaging unit (PU)	1 unit
Packaging (dimensions HxWxD)	600 x 500 x 300 mm
Components included	Wallbox, printed quick reference guide, 1 triangular key, installation kit

Input/mains supply

External power supply	Supply cables up to a maximum of 16 mm ² or cable diameters ≤ 25 mm
Rated voltage	230/400 V
Rated current	32 A
Rated frequency	50 Hz
Upstream fuse	32 A (required onsite), C characteristic recommended
Terminal blocks	Direct connection to RCCB PE: 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

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 compliant
Compliance module	Logging Gateway (LGW)
Load switching	Installation contactor, 4-pole, 40 A
Weld detection	Contactor welding switches off the charging point
Temperature monitoring	internal, charging current reduction or shut down

Charging monitor/status indicators

Indication (operating state/fault indication)	LED
Access control	RFID card, QR code or smartphone app
Communication EV	in acc. with IEC 61851-1 Mode 3
Master/Slave communication	RS485
Backend communication	via Master wallbox

Standards/guidelines

IEC 61851-1
IEC 61439-7 ACSEV
in acc. with MessEV Modul B

Operating conditions

Storage temperature	-30 to 85°C
Operating temperature	-25 to 40°C in acc. with DIN EN 61851-1 -30 to 50°C with integrated derating function
Relative humidity	5 to 95%, no condensation
Class of protection	I
Overvoltage category	III
Degree of pollution	3
Degree of protection (housing)	IP44/IP54 (plugged/unplugged)
Impact strength	IK08
Maximum elevation	≤ 2,000 m AMSL
Power dissipation	7 W

Housing

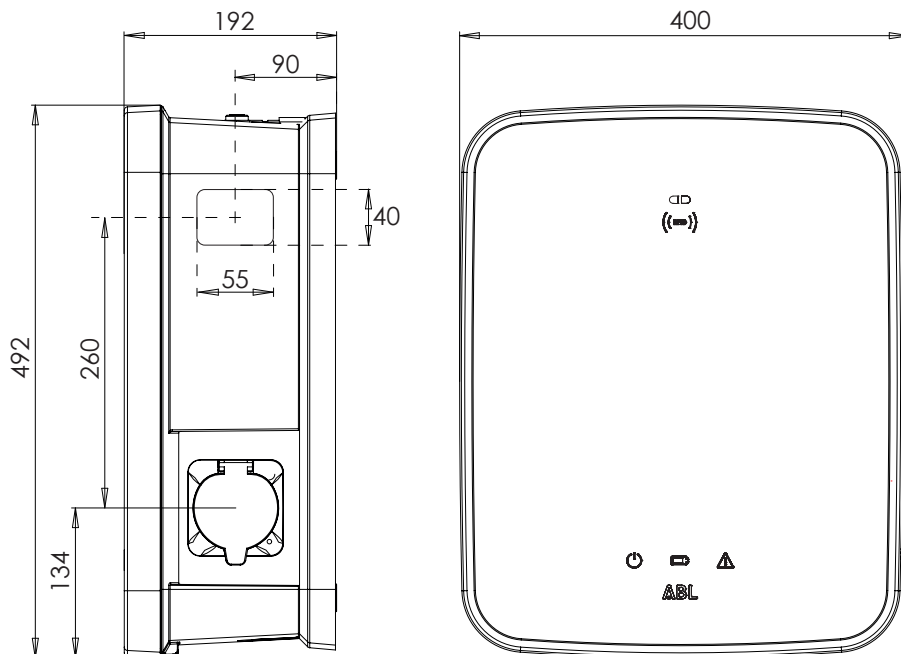
Type	Wall-mounted housing
Fixing type	Wall installation using mounting plate and installation kit
Material (housing/cover)	Plastic
Housing color	Black, similar to RAL9011
Cover color	silver, similar to RAL9006 / black, similar to RAL9017
Locking mechanism	integrated triangular key lock
Dimensions (HxWxD)	492 x 400 x 192 mm
Weight (net)	approx. 10 kg

Optional accessories

Pole	STEMH30
Foundation	EMH9999
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
Master-Slave installation kit	LOMK218
RFID card	E017869, 5 pcs

see website at www.ablmobility.de

Dimensioned drawing



Subject to change: All performance characteristics, technical and other specifications are subject to change without prior notice.