

ABL



# Refresh Wallbox eMH1

Now all black

eMobility by ABL · Charge your future





ABL

Wallbox eMH1

# The ADAC test winner

On December 3rd 2018, the ADAC, Europe's largest automobile association with around 20 million members, published the results of its wallbox product test. Twelve wallboxes from international manufacturers with charging capacities from 3.7 to 22 kW were tested. Reliability during charging, safety and ease of use were put to the test in this comparison of the different systems.

The Wallbox eMH1 by ABL received top ratings for all three criteria. The report also emphasized as a positive that the Wallbox eMH1 does not require additional residual current protection. The wallbox is pre-installed ready for connection, so there are no hidden additional costs. All electric vehicles tested by ADAC were able to be charged easily at the Wallbox eMH1. The result is unambiguous: With a top mark of 1.0, the Wallbox eMH1 by ABL is the winner.

ADAC Motorwelt 12/2018  
12 Wallboxen im Test



**ABL**  
**eMH1 (1W1101)**  
baugleich mit (EVSE553)  
Max. Ladefleistung 11 kW

**sehr gut (1,0) Test**



Wallbox eMH1

# Product family



11 kW

Wallbox eMH1  
Charging cable type 2 (approx. 6m)

**Prod. Nr. 1W1108**

22 kW

Wallbox eMH1  
Charging cable type 2 (approx. 6m)

**Prod. Nr. 1W2208**

Requires type A RCCB onsite in  
the domestic power distribution





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Wallbox eMH1  
Charging socket type 2

**Prod. Nr. 1W1121**

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Wallbox eMH1  
Charging cable type 2  
(approx. 6m)

**Prod. Nr. 1W1101**

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Wallbox eMH1  
Charging socket type 2

**Prod. Nr. 1W2221**

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Wallbox eMH1  
Charging cable type 2  
(approx. 6m)

**Prod. Nr. 1W2201**

Integrated type A RCCB



Integrated type A RCCB



Increasing self-consumption

# Bracket with selector switch for PV connection

Homeowners with a PV system can use this product to charge electric vehicles via the wallbox with electricity from their photovoltaic system. It is also possible to connect other renewable energy generation systems. For this purpose, the control output of the inverter and the Wallbox eMH1 are connected to each other. During the installation a PV power value is preset in the inverter. As soon as the preset value is reached, the inverter releases the charging process. Depending on the available surplus quantity, the required grid power is reduced.



Bracket with selector switch  
for PV connection

Optimizing self-consumption

# eMS home, dynamic energy and load manage- ment system

With the dynamic energy and load management system eMS home, private households that charge their electric vehicles via the Wallbox eMH1 can use electricity more efficiently. The charging status and the current load on the individual phases can be read out graphically at any time via a web interface.

With eMS home, private households get a fully integrated 3-phase meter. It measures the current energy flow at the grid connection point and dynamically adjusts the energy available to the Wallbox(es) eMH1. It also ensures energy-efficient charging of up to six Wallboxes eMH1 without the need to expand the grid connection power.



eMS home  
Energy Management System home

# Accessories

Pole and foundation  
Compatible with any accessory



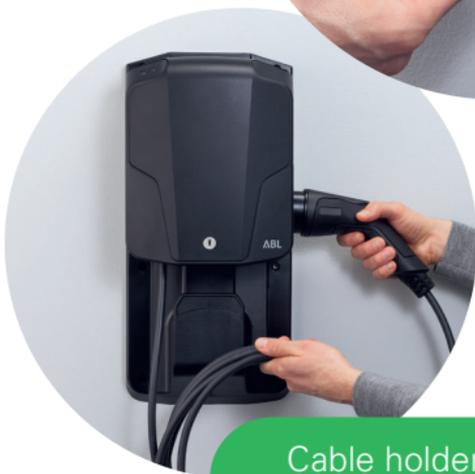
Cable holder type 2



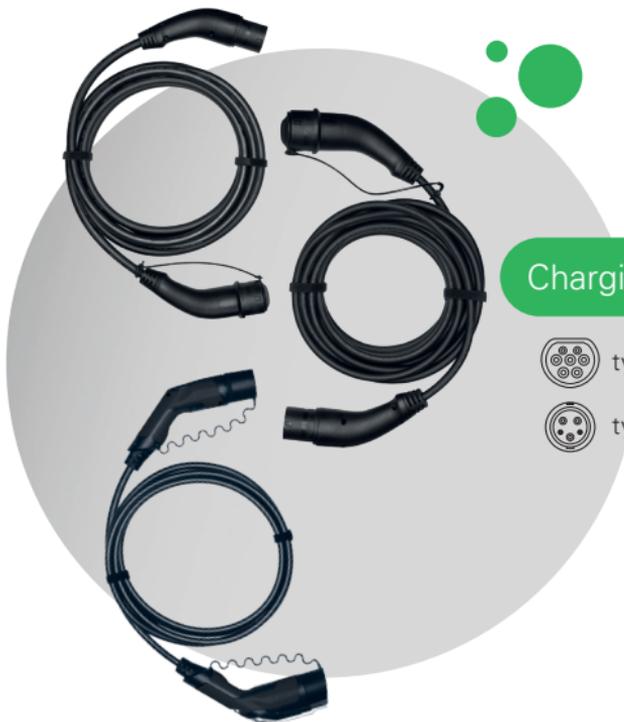
Weather protection roof

# Zubehör

Cable holder with  
keyswitch



Cable holder without  
keyswitch



## Charging cable



type 2 to type 2



type 1 to type 2



## Configuraton Cable



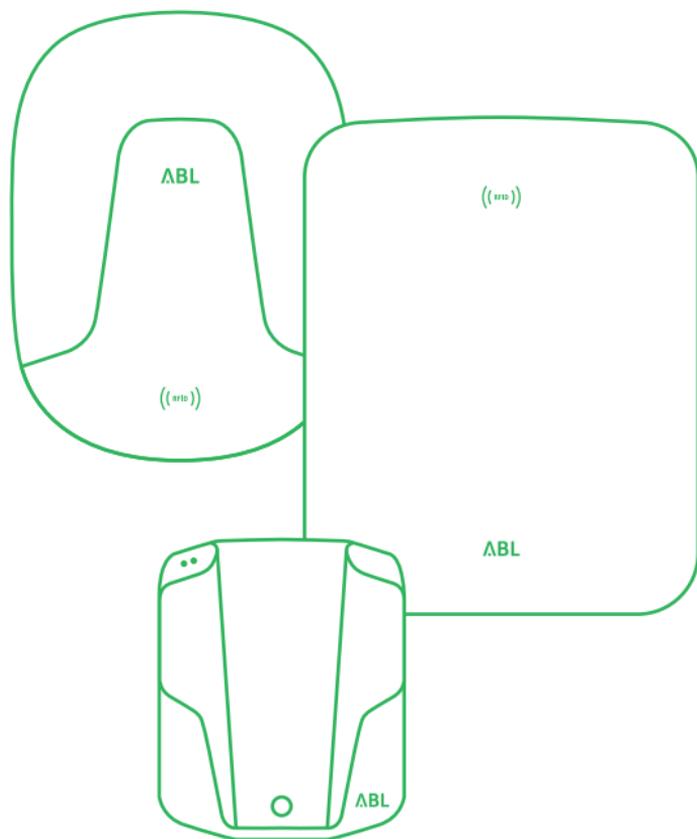
Find further information  
on our website  
[www.ablmobility.de/en](http://www.ablmobility.de/en)

# Items

<b>Wallboxes</b>	<b>Prod. Nr.</b>
Wallbox eMH1, 11 kW, charging cable type 2 (approx. 6m)	1W1108
Wallbox eMH1, 22kW, charging cable type 2 (approx. 6m)	1W2208
Wallbox eMH1, 11kW, charging socket type 2	1W1121
Wallbox eMH1, 22 kW, charging socket type 2	1W2221
Wallbox eMH1, 11 kW, charging cable type 2 (approx. 6m)	1W1101
Wallbox eMH1, 22 kW, charging cable type 2 (approx. 6m)	1W2201

<b>Accessories</b>	<b>Prod. Nr.</b>
Bracket with selector switch for PV connection	PVEMH10
eMS home - Energy Management System home	EMSHOME
Cable holder with keyswitch	1W0001
Cable holder without keyswitch	WHEMH10
Small cable holder type2	CABHOLD
Charging cable Mode 3 type 2 to type 2, 20 A, 2,5m	CC2025
Charging cable Mode 3 type 2 to type 2, 20 A, 5m	CC2050
Charging cable Mode 3 type 2 to type 2, 20 A, 7,5m	CC2075
Charging cable Mode 3 type 2 to type 2, 20 A, 10m	CC2010
Charging cable Mode 3 type 2 to type 2, 32 A, 2,5m	CC3225
Charging cable Mode 3 type 2 to type 2, 32 A, 5m	CC3250
Charging cable Mode 3 type 2 to type 2, 32A, 7,5m	CC3275
Charging cable Mode 3 type 2 to type 2, 32A, 10m	CC3210
Charging cable type 2 to type 1, 32 A, 4 m	LAKK2K1
Weather protection roof	WPR12
Pole for Wallbox eMH1	POLEMH1
Foundation for pole POLEMH1	EMH9999
Configuraton Cable	CONFCAB

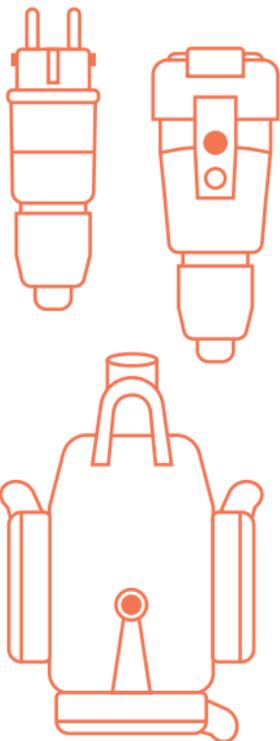
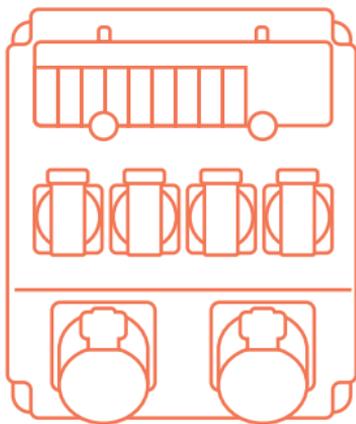
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Did you know?  
Our company founder  
Albert Büttner is the inventor  
of the SCHUKO plug



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