

# Technical data

## Wallbox for electric vehicles (smart charge)\*



## Features

- solar charging of the electric vehicle from roof (**free charging without net supply**)
- 1phase (Schuko) and 3phase (16A and 32A) Type 2
- solar and grid charge
- measurement of charging power
- LED-display: state of charge and type of charging mode
- visualization of charging procedures within the internet portal, on mobile devices\* and from the display of the wallbox (4,3" colored screen)
- movement detection via PIR sensor (display will switch on by approach)
- optional digital port according to DIN 61851 for external ventilation of the environment (closed area as by regulation)
- RS485 connection for third parties (Modbus)\*\*

\* in connection with a S10 home power station (stand alone option Q4/2016)

\*\* pre-installed – currently not available

# Technical data

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	<b>Min.</b>	<b>Max.</b>
Ambient temperature	- 20 °C	+ 40 °C
Air humidity (not condensing)	5 %	95 %
Height	361 mm	
Width	298 mm	
Depth (including wall mount)	178 (208) mm	
Weight	11 kg	
IP-protection (interior set up, garage according to EN 61439-7)	IP44	
Impact resistance (interior set up, garage according to EN 61439-7)	07 IK	
Grid connection	3phase 400V 32A 50Hz	
Output voltage	230 / 400 V	
Output current	16 / 32 A	
Charging performance (maximum)	22 kVA	
Charging plugs according to IEC62196-2	Typ 2	
Alternative charging plug	Schuko 230V / 16A	
Connection clamp (interior) up to	10 mm	
Charging modes according to DIN EN 61851-1	Mode 3	
Ports	CAN Bus, touchscreen	
Equipment	30W heating as for operation mode in winter; movement detection via PIR-sensor	
Domestic electricity measurement	performance / energy typ2 plug	