

# POWER2CAR

Wallbox Innovation at its Best



E-Mobility



Drive System



Energy Storage Systems



Power and Garden Tools



Industrial



Medical

# BMZ WALLBOX 11 kW

Future-proof charging – the wallbox solution for modern mobility

## BMZ POWER2CAR Wallbox Charger

- Max. charging power: 11 kW
- Progressive over-the-air software updates
- Communication interfaces:  
Ethernet, WLAN, EEBUS, ISO 15118 and OCPP 1.6
- Easy installation
- Compatible with all BMZ HV battery systems
- Optimized for BMZ POWER2GRID



## TECHNICAL SPECIFICATIONS

### Electrical specifications

Maximum charging power	11 kW
Rated current	16 A
Mains voltage	220–240 V / 380–415 V
Mains frequency	50/60 Hz
Vehicle charging plug	Type 2
Mains connection	L1, L2, L3, N, PE
Mains type	TT/TN 3- and 1-phase, IT 1-phase

## Protective devices

Integrated residual current device DC 6 mA

Protection class I

Overvoltage category III

## Technical features

Vehicle communication Mode 3 (IEC 61851-1)

Cable length 7 m

User interfaces RGB LEDs, buzzer, web app

Authentication

- RFID
- Plug & Charge (ISO15118)
- Autocharge

Network interface LAN (RJ45), WiFi (2.4 GHz, 5 GHz)

Backend communication standard OCPP 1.6j (2.0.1 under development)

Integration into Home Energy Management System EEBUS, Modbus for external electricity meters

Consumption measurement integrated

Local load management via WiFi, Ethernet

## General data

Dimensions (W / H / D) 384 x 384 x 181 mm

Weight 3.2 kg (without cable)

Operating temperature range -30 °C to 45 °C

Cooling concept Assembly, fanless

Protection class IP55, IK10

Maximum permissible relative humidity 95% (non-condensing)

Operating altitude (max.) 3,000 m above sea level

# Any questions?

Contact us, we will be pleased to advise you.

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