

AMPERFIED WALLBOX
CONNECT.HOME
SMART WALLBOX.
SMART CHARGING
WITH THE APP.



Technical highlights of the AmperfiED Wallbox connect.home

- \ Integrated Wi-Fi and LAN connections
- \ RFID authorisation
- \ App for wallbox control and diagnosis
- \ Online interface for additional configuration, control and diagnosis
- \ Integration with home energy management system (HEMS)
- \ Parking stand for charging connector
- \ Easy installation thanks to flexible cabling

**CLEVER,
SMART,
APP.**

TECHNICAL SPECIFICATIONS

Regulations	EN IEC 61851-1:2019 EN IEC 61439-7 (AEVCS)
Charging capacity	Adjustable up to 11 kW
Rated voltage	230 V–400 V
Rated current	Up to 16 A (adjustable from 6 A to 16 A in 2 A increments)
Rated frequency	50 Hz
Charging mode	1-, 2- or 3-phase
Network types	TT/TN
Connection technology	Spring clamp technology
Cable entry	Surface- or flush-mounted / Ø 10 to 20 mm
Connection cross section	"0.5 mm ² to 6 mm ² – Single-wire conductor (rigid) 0.5 mm ² to 6 mm ² – Finely stranded conductor (flexible) 1.5 mm ² to 4 mm ² – Finely stranded conductor (flexible) with wire end ferrule The relevant national installation regulations must be observed."
Charging connector/coupler	Type 2
Charging cable length (m)	5 m/7.5 m
Status information	Front light
External wall charger release/locking	RFID, app, Modbus, release input
Data interfaces	LAN/Wi-Fi (2.4 GHz/IEEE 802.11 b/g/n)
Communication protocols	Modbus TCP
App	Yes (myAMPERFIED)
Load management	Yes, can be used as a follower
Home energy management	Yes, via Modbus TCP
Protection rating	IP54 (splashproof)
Residual current detection	6 mA DC disconnection in accordance with IEC 62955, therefore an RCD TYPE A 30mA can be connected in series according to VDE 0100-722 or HD 60364-7-722
Protection against mechanical impact	IK08
Operating temperature range (°C)	–25°C to +40°C
Temperature behaviour	Within the operating temperature range, the charging current is permanently provided. If the temperature is exceeded, the charging process is interrupted. After a cooling phase, the charging process is restarted automatically.
Storage temperature range (°C)	–25°C to +80°C
Permissible relative humidity (%)	5% to 95%
Altitude (m)	Max. 2,000 m above sea level
Protection class	I
Overvoltage category	III
Dimensions (W × H × D) (mm)	462 mm × 345 mm × 142 mm
Weight	Approx. 6.5 kg



ANY QUESTIONS?

Our hotline will be happy to help:
+49 (0)6222 82-2266
support@amperfiend.com
www.amperfiend.com