

## FIXED OR MOBILE ALWAYS SMARTLY CHARGED

Fixed wall mount with detachable mobile charger.  
Compatible with a wide range of adaptors.

Manage and monitor your charger using a state of the art app.

Future proof hardware design for upcoming functionalities with automatic over the air updates.



### Load balancing and load sharing

Charger adjusts charging current depending on household consumption and available remaining power. Load sharing distributes the available power across all chargers.



### OCPP compatible / RFID reader

Have your charger managed by a charge point operator (CPO) and have your split billing handled by them.



### Peak shaving / Capacity tariff\*\*

Adjust the charging current depending on the capacity tariff.



### WIFI, Bluetooth, Powerline and SIM communication\*

All internal hardware is present to communicate with any device in the future.



### Solar charging\*\*

100% of the generated solar energy is used instead of delivering excess energy back to the grid.



### GPS & Anti-theft

Automatic location of the charger. Anti-theft function can be activated through the app.\*



### Scheduling function & reporting

Program your charger so that it only charges when power costs are low. Look up summary & details of charging sessions.



### Customizable cable lengths

Any custom length available upon request. Connectors can be equipped with Tesla button.

\* release in 2024

\*\* subject to subscription model after free trial period

## Electrical

Charging capacity	Single or three phase, 1.4 to 11 kW
Output power	1-phase or 3-phase, 230 V – 400 V, 16 A
Charge mode	Mode 2 (mobile use) & Mode 3 (fixed use) (IEC 61851)
Rated charge current	16 A / phase
Nominal power	11 kW
Current output range	6-16 A
WiFi standards	802.11 b/g/2,44 kHz
Self-consumption	3,5 W
Configurable Max. Current	6-16 A
Connector type	IEC 62196 Type 2 with or without TESLA button
Electrical safety class	Class I

## General

Charger control	ETAP App or Web portal**
Operating temperature	-25 °C to + 40 °C
Storage temperature	-40 °C to + 60 °C
Maximum installation altitude	0 – 2000 m
Humidity	95 %, non-condensing
Data communication	Bluetooth (onboarding)/WiFi/ Powerline/Sim*/e-Sim*
Positioning	GPS / Wi-Fi
Waranty	2 year



## Enclosure

Enclosure material	Polycarbonate
Power terminals	Mobile use (plug in charger) <ul style="list-style-type: none"><li>• Schuko adapter cable</li><li>• CEE 16A single phase adapter cable</li><li>• CEE 16A 3-phase adapter cable</li><li>• Wallbracket 16A - 32A</li></ul> Fixed use (slide charger in wallbracket)
Protection category	IP67
Ventilation	Not required
Integrated charger cable	5m, 7.5m, customizable on request
Integrated energy meter	calibrated, MID certification planned
Weight	2,8 kg (5m cable)/ 3,4 kg (7,5 m cable)
Dimensions (h x w x d)	244 x 134 x 55 mm



## Certifications and Standards

Product certification	CE
Standards	IEC 61851-1 mode 2/3
Mechanical impact protection	IK08
Safety	IEC 61851-1, IEC 61851-22 mode 2 & 3 Integral Earth Leakage Protection, AC 30 mA & DC 6 mA Temperature monitoring of adapter cable connector, charger and type 2 charging cable connector

## Interfaces & Connectivity

Charger status	RGB LED/ ETAP App
Session activation	Plug & Charge, ETAP App, Swipe RFID card, Smart EV schedules
Connectivity	Bluetooth/Wi-Fi/powerline/ sim*/e-sim*
Communication protocol	OCPP 1.6 , OCPP 2.0.1**
Firmware updates	Automatic Over The Air updates
Electrical meter interfacing	MTAP for digital meters and CTAP for analog meter



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