

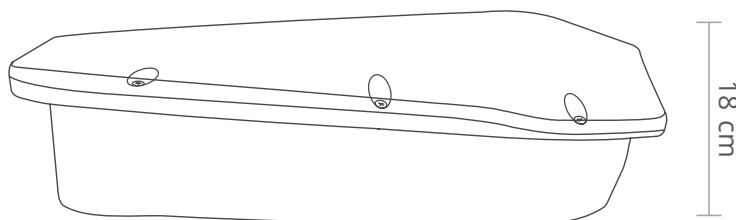
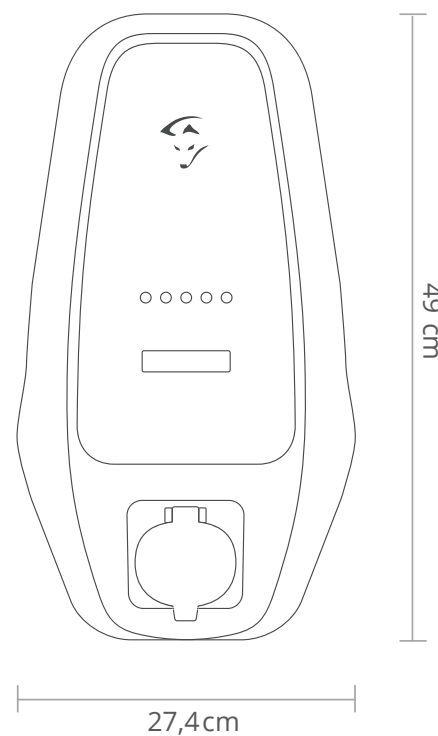


# SMARTFOX Pro Charger

## Data sheet

The new SMARTFOX Pro Charger combines functionality with modern, timeless design. The perfect solution for private use, as well as for small and medium-sized enterprises.

Charge your electric car with excess solar energy from your photovoltaic system free of charge during the day. The new charging station offers you many additional functions for an outstanding price and performance ratio.



In accordance with EG-RL



Optimal use of your PV energy



Outstanding price & performance ratio



Compatible with SMARTFOX Pro



App & Monitoring possible



100% solar energy refueling



Weatherproof PC case



## Integrated functions

- The charging station can be used as a “stand-alone” product.
- **11kW** - why? Only a few households have a higher power connection, so approximately 90% of all charging stations need to be regulated down to 22kW on-site because the grid's power capacity is not available. Additionally, the most common new electric vehicles are equipped with an 11kW charger, and depending on local regulations, there may be reporting requirements when exceeding an 11kW charging station.
- Integrated residual current protection (no Type B-RCD required).
- **Remote shutdown** via broadcast signal (utility company lockout possible).
- **Energy meter included** - Displays the charging status (2 counters).
- **LED display** - Provides information on the current status (charging station available, charging in progress, charging completed, error message...).
- **Robust, impact-resistant, and weather-resistant** PC housing - Perfect for indoor and outdoor use.



## Functions inclusive SMARTFOX Pro Energymanager

- **Stepless surplus charging** from 1.4kW up to a maximum of 11kW.
- **Weekly timer function.**
- **Dynamic load management** for up to **5 charging stations** (including household connection monitoring!).
- The integrated **1-phase/3-phase switch** ensures optimal utilization of your photovoltaic surplus energy.
- With **RS485 connectivity**, you remain independent of the home network, providing additional security. The SMARTFOX Pro Energy Manager is directly connected to the charging station. In the event of changing your Wi-Fi router, the functionality of your electric charging station will not be affected.
- **Free monitoring** - The SMARTFOX Pro Energy Manager allows you to control and monitor the charging station/PV system remotely, even while you're on the go. If you prefer not to use an app, the charging station can also be operated manually via a handheld switch (sold separately).
- **SMARTFOX RFID-Keypad:** Local RFID authorization, Membrane Keyboard (Selection of 5 charging modes)\*
- Smart home integration possible.

## Technical specifications

Item number	0767523866314	0796554799056	0796554799100
Charging Point	Type 2 cable, 5m (gross), ca. 4,7m (net) 1,4kW-11kW	Type 2 cable, 5m (gross), ca. 4,7m (net), 1,4kW-11kW + RFID-Keypad*	Type 2 cable, 7m (gross), ca. 6,7m (net), 1,4kW-11kW + RFID-Keypad*
Supply*	1~: 16A    3~: 16A		
Pre-fuse*	LS 3-pole C 16/20A*, FI protection type A 30 mA		
Nominal power**	11 kVA		
Protection	DC residual current detection 6 mA according to ÖVE/ÖNORM EN 6185		
Load management / interface / input	Modbus RTU via RS485, digital input for manual switch		
Protection class	IP54; IK10		
Supply line	Max. clamping cross section 5x10mm <sup>2</sup> (suitable for copper and aluminium conductors)		
Cable entry	Optionally from the bottom or from the back, M25 and M32 sealing glands are included (max. cable outer diameter: 21mm)		
Temperature range	-30°C to +50°C (without direct sunlight)		
Dimensions	H 490 x B 274 x T 180mm		
Weight	4,5 kg		
Housing material	Plastic (polycarboante housing)		
Color	Front shell: white, Back: blue grey		



\* Depending on a single-phase or three-phase power supply, maximum performance can be achieved. The adjustment of charging current/power can be made on-site.

\*\* In the case of a three-phase power supply and maximum charging current/power