



SMARTFOX

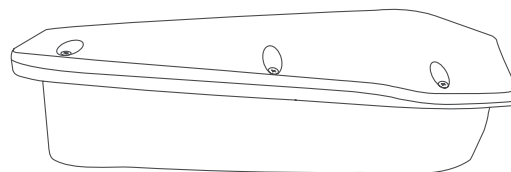


Data sheet: SMARTFOX Pro Charger

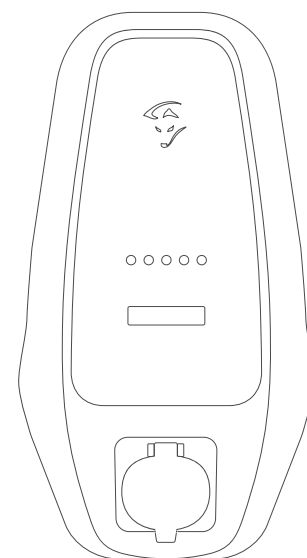
The new SMARTFOX Pro Charger combines functionality with modern, timeless design. The perfect solution for private use, as well as for small and medium-sized enterprises.

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.

» SMARTFOX Pro Charger
ArtNr. 0767523866314



18 cm



49 cm

27,4cm



In accordance with EG-RL



Optimal use of your PV energy



Outstanding price and performance ratio



Compatible with SMARTFOX Pro



App & Monitoring possible



100% solar energy refueling



Weatherproof PC case



Intelligent energy management

With SMARTFOX Pro

- The integrated **1ph/3ph switching** ensures an optimal use of your photovoltaic surplus energy
- **Stepless excess charge*** 1.3kW to max. 11kW.
Why 11kW? Only a few private households have a larger connected load, therefore about 90% of all charging stations with 22kW have to be regulated down on site, because the charging power is not available from the grid. In addition, the most common new e-cars are equipped with an 11kW charger and depending on local regulations, there may be a reporting requirement if an 11kW charging station is exceeded.
- **Dynamic load management*** for up to 5 charging stations (including house connection monitoring!)
- Integrated DC fault current protection
- Weekly timer*
- With the **RS485 connection** you remain independent of the house network, which offers you additional security. The SMARTFOX Pro Energy Manager is thus connected directly to the charging station. If you replace your WLAN router, the functionality of your e-charging station is not affected.
- **Remote shutdown** via ripple control signal
- **LCD Display** - Displays the current charge level
- **5 LEDs** give you information about the current status (charging station available, charging in progress, charging finished, error message)
- Impact and weather resistant PC case - Perfect for indoor and outdoor use.
- Smart Home integration possible
- **Tariff optimized charging*** with the SMARTFOX electricity tariff (AT & DE). More information at: <http://smartfox.at/smartfox-stromtarif.html>
- **Monitoring*** - The SMARTFOX Pro Energy Manager enables you to control & monitor the charging station / PV system even when you are on the road. If no app is desired, the charging station can also be operated manually via a hand switch (available separately).

Technical specifications

Charging point	Type 2 cable, 5m length, 1,3kW-11kW
Supply**	1~: 16A 3~: 16A
Pre-fuse**	LS 3-pole C 16A**; FI protection type A 30 mA
Nominal power***	11 kVA
Protection	DC residual current detection 6 mA according to ÖVE/ÖNORM EN 61851
Load management / interface / inputs	Modbus RTU via RS485; digital input for manual switch;
Protection class	IP54; IK10
Supply line	Max. clamping cross section 5x10mm ² (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
Dimensions	H 490 x W 274 x D 180mm
Weight	4,5 kg
Housing material	Plastic (polycarbonate housing)
Color	front shell: white, back: blue-grey



* Only possible in combination with the SMARTFOX Pro Energy Manager.

**At maximum output depending on single-phase or three-phase mains connection. Adjustment of charging current/power can be made on site.

***With three-phase mains connection and maximum charging current.