



EN

SMARTFOX

Pro Charger



100 % SUN IN THE TANK



Eligible to receive subsidies (Austria & Germany)



Fast & reliable charging



Made in Austria



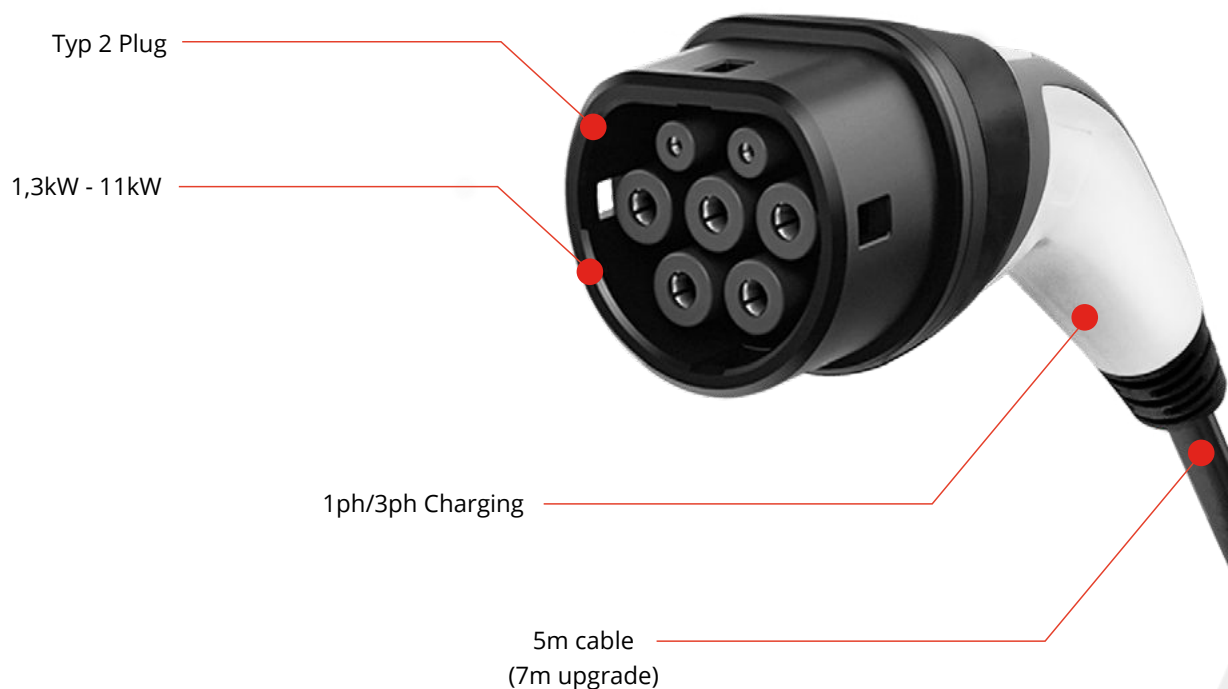
Suitable for Indoor & Out-door use

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SMARTFOX Pro Charger

The new SMARTFOX Pro Charger combines functionality with user-friendliness. The charging station is easy to install and set up. Charge your electric car reliably and securely. SMARTFOX is the right solution for private households as well as small and medium-sized businesses in the semi-public sector.

The charging station is suitable for indoor and outdoor use and fits perfectly into your private property (lean-to, garage, drive) or your business premises (customer car park, underground car park, etc.) thanks to its modern, timeless design. The Pro Charger works as a conventional charger (stand-alone) or can charge the surplus energy of your PV system in combination with the SF Pro Energy Manager. With the energy manager, you get additional attractive functions such as stepless surplus charging, dynamic load management, automatic 1ph/3ph switching, weekly timer, free monitoring and much more besides.



SMARTFOX Pro

The energy manager

We specialise in making the best possible use of surplus energy from photovoltaic systems. The intelligent, individually configurable SMARTFOX Pro system significantly optimises the internal consumption of your PV system.

SMARTFOX Pro controls consumers such as e-charging stations, heat and pool pumps, as well as boilers (heating rods) for water heating, battery storage, air conditioners, infrared heaters, etc. fully automatically. Benefits for you: The self-produced electricity is used directly and your operating costs as well as the amortisation period are significantly reduced, allowing you to get the most out of your PV system easily and conveniently. Our product is perfectly complemented by **free monitoring and a mobile app**. This means you can keep an eye on everything and make simple configurations even when you're on the move.

BETTER TOGETHER: The charging station is the ideal complement to the SMARTFOX Pro Energy Manager.





Optimal use of
PV energy



100% sun in
the tank



App &
Monitoring



TOP price-per-
formance ratio



Weatherproof



Requirement
according to EG-RL



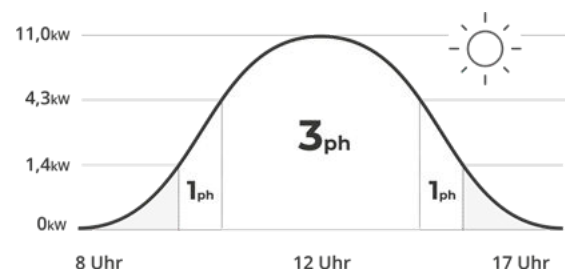
Compatible with
SF Pro



Automatic phase switching

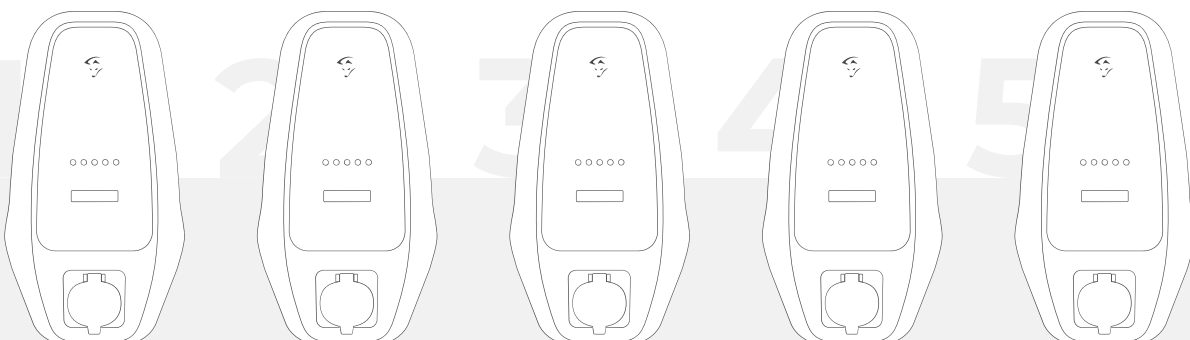
Control your charging station specifically and dynamically with 100% solar power. It is integrated via RS485 interface, meaning it is fully independent of your home network's functionality. Automatic phase switching helps you get the most out of the surplus charge.

SMARTFOX Pro automatically selects the best operating point, enabling pure surplus charging even when the PV system has a low energy yield, e.g. during bad weather. If there is not much power, 1-phase charging can be initiated from as little as 1.4 kW. If the surplus energy increases, SMARTFOX automatically switches to 3-phase charging and can now control up to 11 kW steplessly.



Up to 5 charging stations can be controlled...

With the SF Pro energy manager, **up to 5 Pro Chargers** can be controlled and prioritised as desired. The **dynamic load management** monitors your house connection fuse and prevents the connection value from being exceeded. Individual charging processes can be centrally managed, evaluated and exported via the **monitoring** function.



Technical details

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Technical data

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 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 (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

Attention: The minimum charging power of electric cars with a type 2 plug is standardized (EN 62196). Electric cars charge continuously from 1.4kW 1-phase (6A) or 4.3kW 3-phase (6A). To achieve this, the photovoltaic system must be able to produce significantly more than the minimum charging power of the car.

Options

EAN / Art.No.

SMARTFOX Pro Charger 11kW, incl. license, 5m cable, type 2 (excl. SMARTFOX Pro Energy Manager)	0767523866314
SMARTFOX charging cable 3phase, 7m, type 2, 11kW	0767523866369
Stainless Steel Stand, suitable for SMARTFOX Pro Charger, single	0767523866345
Stainless Steel Stand, suitable for SMARTFOX Pro Charger, double	0767523866352



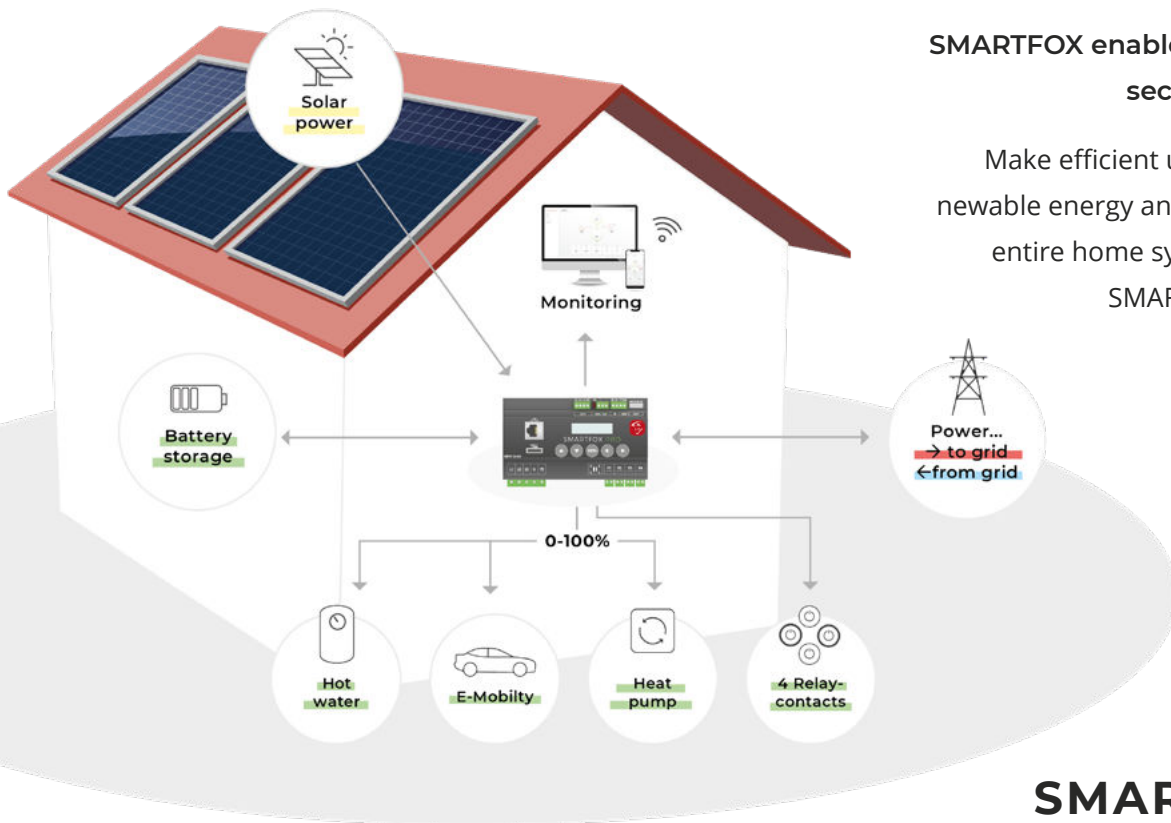
SMARTFOX function overview

Increase your independence and generate your own electricity. Through intelligent sector coupling, individual components such as water heating, solar generation, heat pump, e-charging stations, etc. can be connected and controlled from a **single source** with SMARTFOX Pro.



SMARTFOX enables intelligent sector coupling.

Make efficient use of your renewable energy and control your entire home system with the SMARTFOX system.

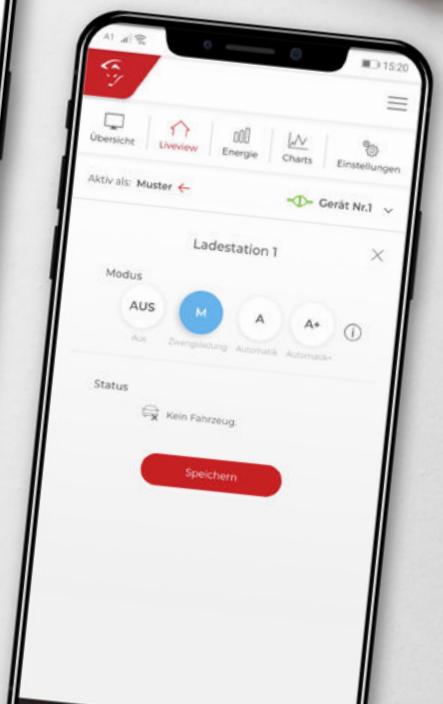


SMARTFOX®

The market leader from Austria.

Everything at a glance

With the new free SF app, you can monitor and control your system including consumers such as e-charging stations, buffers, etc. The application is available for Android and IOS.





My SMARTFOX Monitoring & App

Our free platform offers a detailed overview of the system's energy generation including energy consumption as well as extensive evaluation options for optimizing your selfconsumption rate. The system is particularly interesting for installers & dealers because they can carry out maintenance, updates, and adjustments to customers' systems remotely.

The new dashboard offers you a clear display of self-consumption, degree of self-sufficiency, energy values, weather, SMARTFOX news, and much more. The widgets can be customized and expanded to provide a personalized view. The live-view displays the system including all energy consumers in real time. Plant production, grid supply/purchase, and the consumption of individual devices such as buffers, boilers, heat pumps, or e-charging stations can be viewed and controlled as required (e.g. e-car charging mode). Furthermore, a comprehensive analysis system is available to you in order to continuously optimize yield and consumption and to identify any "power-guzzlers".

- ✓ **Dashboard**
- ✓ **Alarmservicefunktion**
- ✓ **Live-view data in real-time**
- ✓ **Remote access for installers**
- ✓ **Energy overview & mail**
- ✓ **Savings at a glance**
- ✓ **Available as app**
- ✓ **10 years free of charge**



Remote access for installers

Our system provides installers with secure remote access to perform maintenance, updates and adjustments on customer installations, avoiding on-site appointments and thus saving time and costs. The clear display of all devices and the possibility to perform analyses and remote updates make the system an effective tool for installers and dealers.

Here's what the Pro Charger can do...

All advantages & functions at a glance



Integrated functions

- The charging station can be used as a stand-alone product
- **11 kW** – Why? Only a few private households have a larger connected load, therefore approx. 90% of all charging stations with 22 kW have to be transformed down on site, as the charging power is not available from the grid. In addition, the most common new e-cars are equipped with an 11 kW charger and, depending on the local regulations, it may be necessary to report when an 11 kW charging station is exceeded.
- Integrated DC fault current protection (no type B-FI required)
- **Remote shut-off** via ripple control signal (EVU lockout possible)
- **Energy meter included** – shows the charging status (1 meter)
- **LED display** – provides information about the current status (charging station available, charging in progress, charging complete, fault message...)
- **Robust, shatterproof and weatherproof PC housing** – perfect for indoor and outdoor use



Functions incl. SF Pro energy manager

- **Stepless surplus charging** 1.4 kW to max. 11 kW
- **Weekly timer**
- **Dynamic load management** for up to 5 charging stations (incl. house connection monitoring!) Single phase monitoring – to avoid load peaks
- The integrated **1 ph/3 ph** switching ensures optimal use of your photovoltaic surplus energy.
- **The RS485 connection** allows you to remain independent of the house network, thereby providing you with additional reliability. The SMARTFOX Pro energy manager is thus directly connected to the charging station. If you change your WiFi router, the functionality of your e-charging station will not be affected.
- **Premium monitoring** – the SMARTFOX Pro Energy Manager allows you to control & monitor the charging station/PV system even when you're not at home. Even if you don't want an app, you can still operate the charging station by hand with a manual switch (available separately).
- Smart Home Integration möglich



Retrofits

- **SMARTFOX RS485 / Ethernet Converter** - integration of the wall box into an existing network
- **7m cable**



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