

EN



SMARTFOX

Pro Charger



100 % SONNE IM TANK



Eligible to receive subsidies in AU and GE



Fast & reliable charging



Made in Austria



Suitable for Indoor &
Out-door use

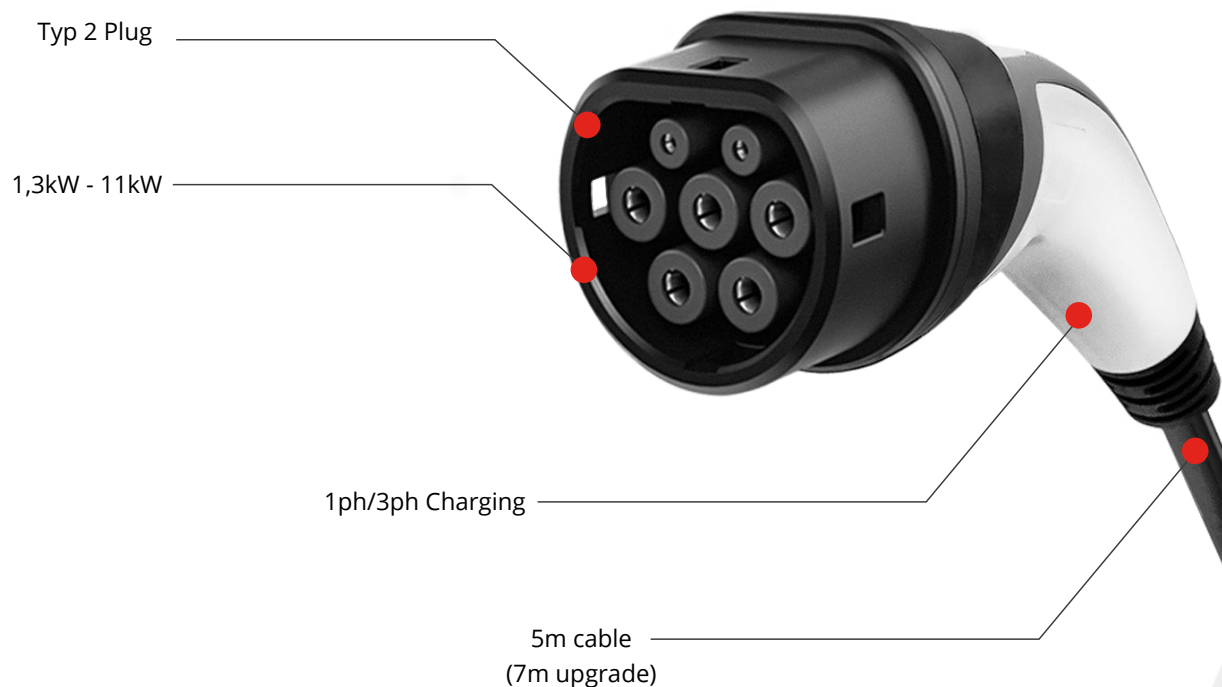
100% sun in the tank

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



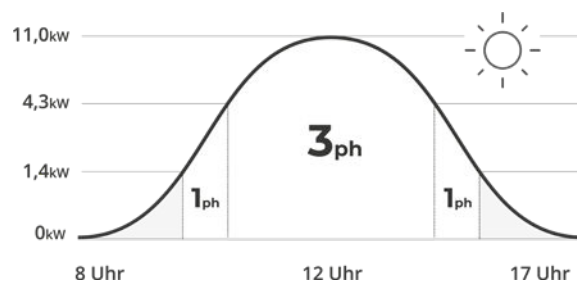
Compatible with
SF Pro



Automatic phase switching

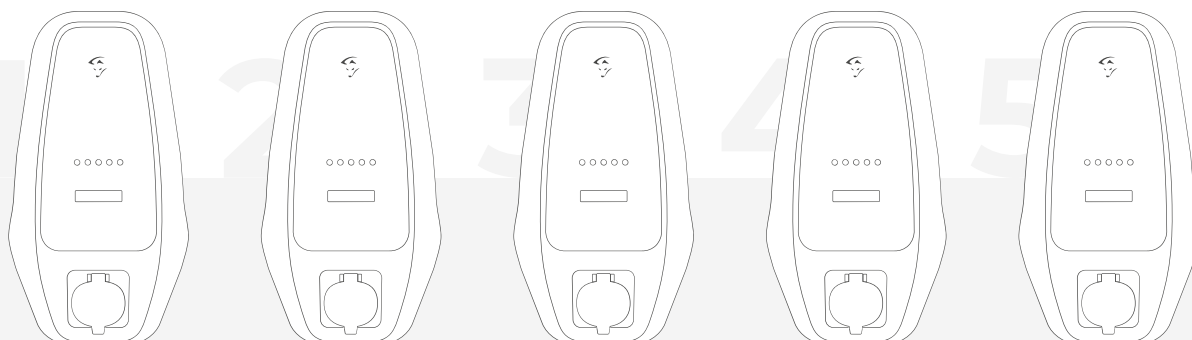
Control your charging station specifically and dynamically with 100% solar power. It is integrated via RS485 interface, meaning it is fully independent of your home network's functionality. Automatic phase switching helps you get the most out of the surplus charge.

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 1.3 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

100% sun in the tank



Technische Daten

Artikelnummer	0767523866314	0796554799056	0796554799100
Ladepunkt	Typ 2 Kabel, 5m (brutto), ca. 4,7m (netto) 1,4kW-11kW	Typ 2 Kabel, 5m (brutto), ca. 4,7m (netto), 1,4kW-11kW + RFID-Keypad	Typ 2 Kabel, 7m (brutto), ca. 6,7m (netto), 1,4kW-11kW + RFID-Keypad
Power Supply*	1~: 16A 3~: 16A		
Circuit Breaker*	LS 3-pole C 16/20 A*, FI protection type A 30 mA		
Rated Power**	11 kVA		
Protection	DC residual current detection 6 mA according to ÖVE/ÖNORM EN 61851		
Load Management / Inter- face / Inputs	Modbus RTU via RS485, digital input for manual switch		
Protection Class	IP54, IK10		
Power Cable	Max conductor cross-section 5x10 mm² (suitable for copper and aluminum conductors)		
Cable Entry	Optional from below or from behind; M25 and M32 cable glands included (max cable outer diameter: 21 mm)		
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 (polycarbonate housing)		
Color	Front cover: white, Back side: blue-gray		

* At maximum power, dependent on single-phase or three-phase network connection. The charging current/power can be configured on-site.

** With a three-phase network connection and maximum charging current.

Attention: The minimum charging power for electric cars with a Type 2 connector is standardized (EN 62196). Electric cars charge seamlessly starting from 1.4 kW single-phase (6 A) or 4.3 kW three-phase (6 A). To achieve this, the photovoltaic system must produce significantly more than the car's minimum charging power.

Options	EAN / Item No.
SMARTFOX Pro Charger 11kW, incl. license, 5m cable, Type 2 (excl. SMARTFOX Pro Energy Managerr)	0767523866314
SMARTFOX Pro Charger 11kW, RFID, incl. license, 5m Kabel, Type 2 (excl. SMARTFOX Pro Energieman-)	0796554799056
SMARTFOX Pro Charger 11kW, RFID, incl. license, 7m Kabel, Type 2 (excl. SMARTFOX Pro Energieman-)	0796554799100
SMARTFOX charging cable, 3-phase, 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 UART / RS485 Converter	0796554799179



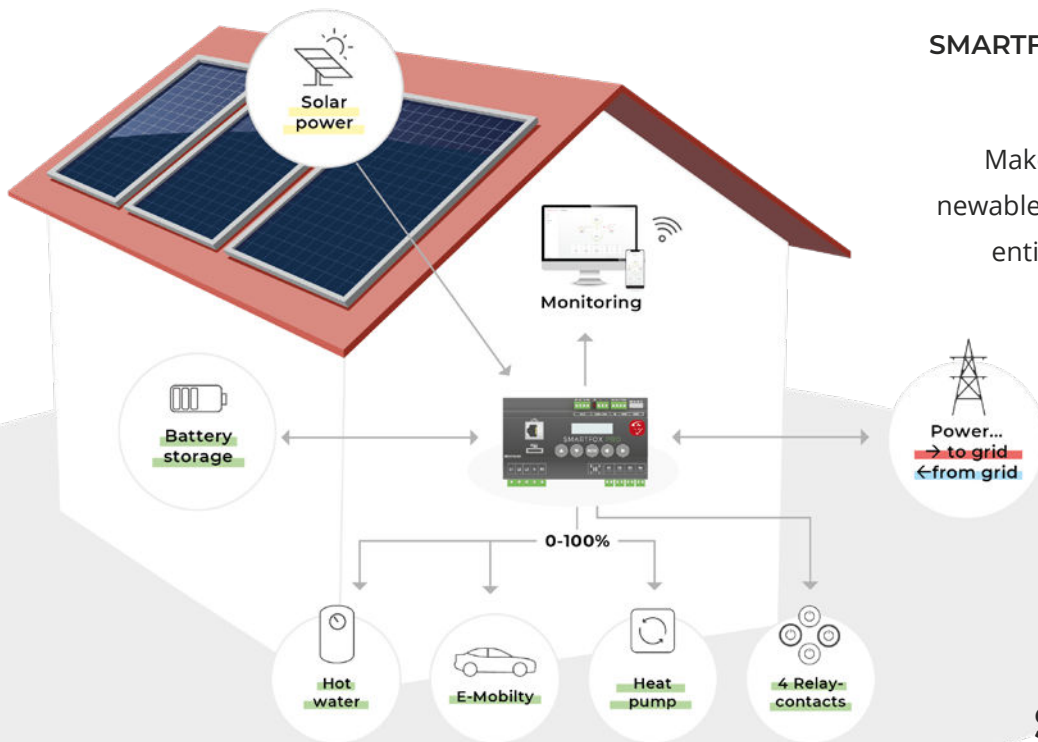
SMARTFOX function overview

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.

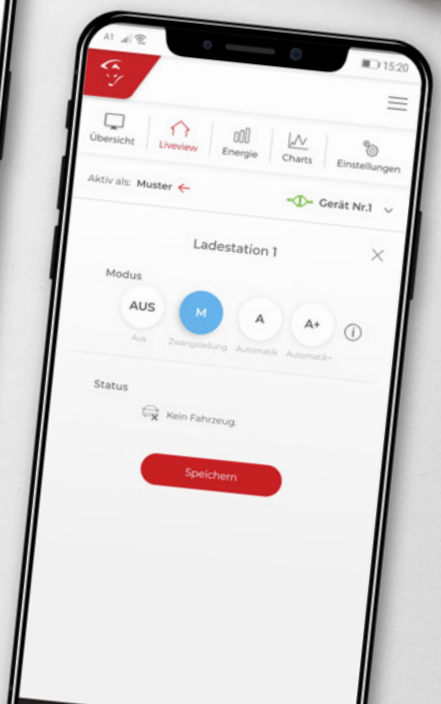


SMARTFOX®

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

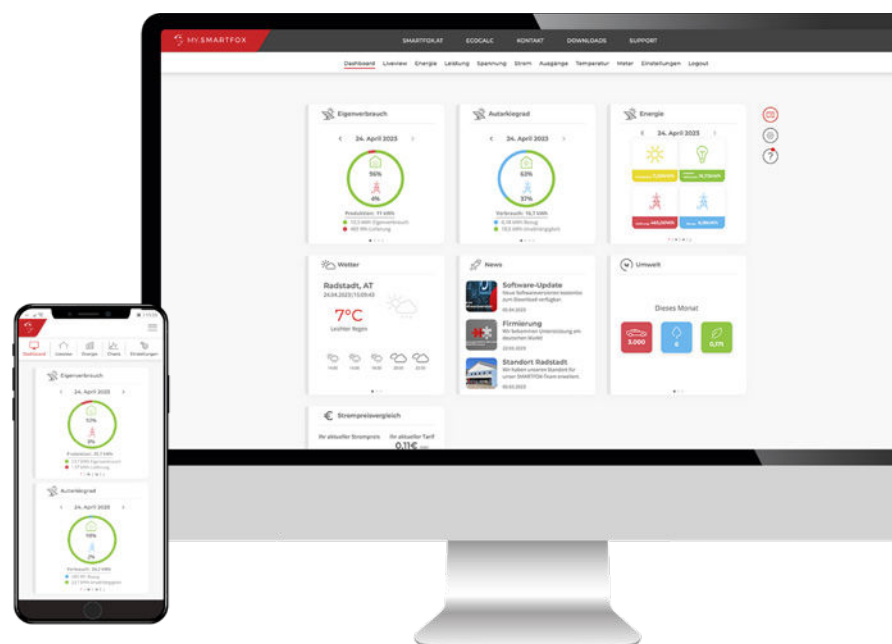
Our free platform provides a detailed overview of the generation system, including consumers, as well as extensive analysis options to optimize the self-consumption rate. The system is particularly interesting for installers and dealers, as it allows remote maintenance, updates, and adjustments to customer systems.

The new dashboard offers a clear presentation of self-consumption, degree of autonomy, energy values, weather, SMARTFOX news, and more. The widgets can be individually customized and expanded to enable a personalized view.

The live view displays the building, including all consumers, in real time. This allows you to monitor system production, grid delivery/consumption, and the usage of individual devices such as buffers, boilers, heat pumps, or e-charging stations, which can also be controlled if needed (e.g., e-car charging mode).

Additionally, a comprehensive analysis system is available to continuously optimize yield and consumption and identify potential "power guzzlers."

- ✓ **Dashboard**
- ✓ **Live View**
- ✓ **Remote Access for Installers**
- ✓ **Energy Overview & Email**
- ✓ **Track Savings**
- ✓ **Available as an App**



Remote Access for Installers

Our system provides installers with secure remote access to perform maintenance, updates, and adjustments on customer systems, avoiding on-site visits and thus saving time and costs. The clear presentation of all devices and the ability to conduct 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, which is why about 90% of all 22 kW charging stations need to be reduced on-site, as the charging power is not available from the grid. Additionally, the most common new electric vehicles are equipped with an 11 kW charger. Depending on local regulations, there may be a reporting requirement when an 11 kW charging station is exceeded.
- Integrated DC fault current protection (no type B RCD required)
- Remote shut-off via ripple control signal (EVU lockout possible)
- Energy meter included – Two meters (1x total reading / 1x last charging process)
- LED display – Provides information on the current status (charging station available, charging in progress, charging complete, fault message, ...)
- Robust and weatherproof polycarbonate housing – Perfect for both indoor and outdoor use

Functions incl. SF Pro energy manager

- Stepless surplus charging 1.4 kW to a maximum of 11 kW.
- Dynamic load management for up to 5 charging stations (including home connection monitoring!)
Single-phase monitoring – to avoid load peaks
- The integrated 1-phase/3-phase switching ensures optimal use of your photovoltaic surplus energy
- Weekly timer
- With the RS485 connection, you remain independent from the home network, providing additional security. The SMARTFOX Pro Energy Manager is directly connected to the charging station. If your Wi-Fi router is replaced, the functionality of your electric vehicle charging station will not be affected.
- Premium monitoring – The SMARTFOX Pro Energy Manager allows you to control and monitor the charging station/PV system remotely. If you do not wish to use an app, the charging station can also be manually operated via a hand switch (sold separately).
- Smart Home integration possible

Accessories



7m Ladekabel

High-quality stainless steel stand

For easy and clean installation of your charging station(s). The cables are routed inside the tube, protecting them from damage and weather influences.

- In einfacher & doppelter Ausführung verfügbar
- 1,5m hoch



SMARTFOX UART/RS485 Converter

Mit dem UART / RS485 Converter erhält SMARTFOX Pro eine zusätzliche RS485 Schnittstelle und damit können mehr externe Geräte eingebunden werden.

- Freie RS485-Schnittstelle
- Plug & Play Installation
- Schneller Kommunikationsaufbau zwischen Energiemanager & Pro Charger







SMARTFOX®

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