



Creating a Powerful Future

## SF Wallbox Pro

### The smart charging station

The SF Wallbox Pro with 22 kW charging capacity is suitable for both private and public applications. Compact, robust, and easy to install – the perfect solution for a powerful entry into electromobility.



Especially suitable for:



Residential



Commercial



easy installation



2 charging points per wallbox possible



up to 22 kW charging power



German warranty



for private and public areas



Quality from Germany

# SF Wallbox Pro

## Electrical data

Connector terminals	2x terminal block, 5 x 6 mm <sup>2</sup>
Rated voltage/frequency	230 V   400 V 3-phase; 50 Hz
Mains current	2x 16 A   1x 32 A
Connected load	22 kW
Maximum charging power	2x 11 kW   1x 22 kW
Charging socket/cable according to IEC 62196-2	2x type 2 socket
DC fault current detection	electronic, DC-RCM, DC ≥ 6mA, per charging point
Welding Detection	Error signal via LED indicators
Circuit breaker	2x 16A, 3p   2x 32 A, 3p
Residual current circuit breaker	2x RCD type A, 40 A, 30 mA

## Further information

Dimensions	497 x 397 x 166 mm
Weight	ca. 15,0 kg
Colour	anthracite
Environmental temperature	-25° C to 50° C
Storage temperature	-25° C to 85° C
Humidity, relative	5 to 95% (non-condensing)
Standards	IEC 61851-1, IEC 61851-21, IEC 61851-22
Protection class	II
Overvoltage category	III
Pollution degree	3
Protection doctor Enclosure	IP54
max. mounting height	≤ 2000 m NHN
RGB LED's	for operating state
Energy metering	MID-compliant, per charging point
Communication	Ethernet, optional mobile radio (for backend connection)
Load management	dynamic between the charging points
PV contro	with compatible system
Authentication (optional)	RFID Mifare DESFIRE, (ISO 14443A+B) and LEGIC Prime & Advant
Charge release (optional)	local RFID, key switch, whitelist, OCPP 1.6
Vehicle communication	IEC 61851-1 „Mode 3“ and ISO 15118 Ready
Power limitation	Adjustable via web interface or dip switch, 6-32 A

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### Blackout protection with compatible system

Operating status via **LED display**

Charge control and visualisation via **web interface**

**Charge release** (optional)  
e.g., RFID / key switch

### Dynamic load management

- between various charging points
- PV-controlled charging
- Peak load avoidance
- Smart Grid Ready

### MID energy meter (already integrated)

**Backend capable** (optional)  
- 4G | 3G | 2G  
- OCPP 1.6



Solar Fabrik is an award-winning manufacturer of solar modules. With the SF Wallbox Basic, we offer a perfect complement to our module range. Trust in proven quality and optimize your contribution to the energy transition.



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