



Solar Fabrik
WALLBOX



SF WALLBOX - PRO

The smart charging station

- for private and public areas
- easy installation
- up to 22 kW charging power
- 2 charging points per wallbox possible
- Germanwarranty
- Made in Germany



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Electrical data

Connector terminals	2x terminal block, 5 x 6 mm ²
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 LEDs	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 control	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



Subject to technical modifications with corresponding follow-up certifications. Errors excepted. Illustration similar.

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Blackout protection with compatible system

Operating states via **LED display**

Charge control and visualisation via **web interface**

Dynamic load management
 - between various charging points
 - PV-controlled charging
 - Load peak avoidance
 - Smart Grid Ready

MID energy meter
 (already integrated)

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

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

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