Wallbox

Spelsberg Wallbox Smart Pro Polar 5m



Spelsberg Wallbox Smart Pro Polar 5m

Wallbox

Productnumber: 59143501
Dimensions: 293 x 293 x 110 mm

Wallbox - ideal for smart charging of private e-vehicles, charging power up to 11 kW (3-phase)/3.7 kW (1-phase) and a maximum charging current of 16 A, variably adjustable charging current in 1A steps, integrated DC fault current detection for DC residual currents of ≥ 6 mA and temperature monitoring for a safe charging process, stylish design and compact housing dimensions for wall and pedestal mounting, protection class IP54, maximum connection cross-section of supply terminal 6 mm², shock resistance IK08, protection class II.

Simple installation and fast configuration and firmware updates with the free-of-charge Spelsberg Wallbox App (available for iOS, Version 14 and higher, and Android Version 6 and higher).

Integrated MID meter for consumption billing, dynamic load management by phase with unbalanced load detection and meter support for external loads, for efficient use of available power, connection to energy management systems (EMS) for external control for charging with solar energy, free charging or contactless authorisation of the charging process by RFID, Plug & Charge (ISO15118) or AutoCharge, LED and audible signals for clear feedback on status changes, analysis of extensive charging statistics via the Spelsberg Wallbox App or external backends.

Supports communication protocols and interfaces:USBWLAN, Ethernet (2 RJ45 LAN-Ports)Modbus TCP, EEBus, SMA SEMPOCPP-J 1.6 for connection of external backends

Polar, 5m charging cable with Type 2 connector

Accessories supplied:
3 RFID chips, 4 fastening screws 6x60, 4 universal dowels 8x50, 3 DMS M16, 1 DMS M25, 1 DMS M32 and 5 chips for opening the design cover



Stylish, minimalist design meets smart charging technology - for high power in its most attractive form.

The integrated communication interfaces allow maximum connectivity and integration with networked systems with a simultaneous focus on fast and easy installation.
Say goodbye to laborious adjustments of rotary and dip switches with the Spelsberg wallbox: The intelligent app allows full configuration and control, together with analysis of charging statistics, through the convenience of a Smartphone.

Technical Data

electrical characteristics

max. charging power:	11 kW
max. charging current:	16 A
Variably adjustable charging current:	yes
System side connection:	3-phase
Rated operating voltage AC:	400 V
Nominal frequency:	50 Hz
Charging mode (IEC 61851):	3 C
Long charging cable:	5 m
Connector plug:	Type 2
Temperature monitoring:	Charging current reduction
DC fault current detection ≥6 mA:	yes
Load switch:	Contactor, 4-pole
Min. conductor cross section:	0,2 mm²
Max. conductor cross section:	6 mm²
Protection class:	II
Degree of pollution:	3
Type of protection:	IP54
vented:	no

Colours

Base unit colour:	white
Cover colour:	Polar

Additional features

Mobile app:	Yes
Access control/Authorisation:	RFID, EVCCID

Additional features

Status display:	LED
Audible status feedback:	yes
Load management:	dynamic
Integrated MID meter:	yes
Excess PV charging:	yes
Plug & Charge (ISO 15118):	yes
Auto Charge:	yes
Firmware Updates:	Remote
Inlet for data cable:	Yes
Eligibility:	Eligible for the KfW funding programme

Dimensions

Width:	293 mm
Length:	293 mm
Height:	110 mm
Weight:	7.099 kg

Material characteristics

UV-resistant:	yes
Halogen free:	yes
Glow-wire flammability:	650 °C (EN 60695-2-11)
Weight (excluding charging cable):	3 kg

mechanical properties

Type of fastening:	Wall/pedestal mounting
Impact strength:	IK08
Sealable:	no
Type of top part:	Cover

Ambient conditions

max. relative humidity 25°C:	95 %
max. relative humidity 40°C:	50 %
Min. ambient temperature:	-25 °C
Max. ambient temperature:	40 °C
24h ambient temperature:	35 °C
Installation location:	protected outdoor areas

Sales Information

EAN:	4013902675692
ETIM Class:	EC002883
Custom tariff number:	85371091
Minimum order quantity:	1

Material

Base unit material:	Polycarbonate, glass-fibre reinforced
Cover material:	Polycarbonate

Accessories

59181501 - WB WSD - Weatherproof cover f. wallbox

59181301 - RFID-C Polar - RFID chip

59180601 - AP-SF2 - Pedestal adapter plate

59180501 - SF WSD - Weatherproof cover f. pedestal

59180101 - SF1 - Wallbox pedestal

59180701 - SH Polar - Connector holder

59180201 - SF1 WSD - Wallbox pedestal

59180301 - SF2 - Wallbox pedestal

59181101 - DC Polar - Wallbox design cover

59180401 - SF2 WSD - Wallbox pedestal

59180901 - LL 5m T2 - Charging cable

Cable gland

