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Wallbox

Wallbox Smart Pro Graphite 7m

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Wallbox

Productnumber: 59153701
Dimensions: 293 x 293 x 110 mm

Wallbox - for fast and 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 power, 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, 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 for efficient use of available power, connection to home energy management systems and PV inverter for charging with solar energy, 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.

Supports communication protocols and intetrfaces:USBWifi, EthernetModbus TCP, EEBus, SMA SEMPOCPP-J 1.6 for connection of external backends

Graphite, 7m 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

RFID | IP54 | WLAN | OCPP1.6 | MID | 6² | 400V AC | halogen-free | | IK08 |

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

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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 Ampere
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:	7 m
Connector plug:	Type 2
Temperature monitoring:	Charging current reduction
DC fault current detection ≥6 mA:	yes
Load switch:	Contactor, 4-pole
Max. conductor cross section:	6 mm²
Min. conductor cross section:	0,2 mm²
Protection class:	II
Degree of pollution:	3
Type of protection:	IP54
vented:	no

Colours

Base unit colour:	anthrazit
Cover colour:	Graphite

Additional features

Mobile app:	Yes
Access control/Authorisation:	RFID, EVCCID
Status display:	LED

Additional features

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

Material characteristics

suitable for exterior use:	yes
Industry quality:	no
Halogen free:	yes
Glow-wire flammability according to EN 60695-2-11:	650 °C
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
Set-up location:	Indoors / sheltered outdoors

Material

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

Accessories

59181501 - WB WSD - Weather-proof cover for wallbox

59180601 - AP-SF2 - Pedestal adapter plate

59180501 - SF WSD - Weather-proof cover for pedestal

59180101 - SF1 - Wallbox pedestal

59181401 - RFID-C Graphite - RFID chip

59180201 - SF1 WSD - Wallbox pedestal

59180801 - SH Graphite - Connector holder

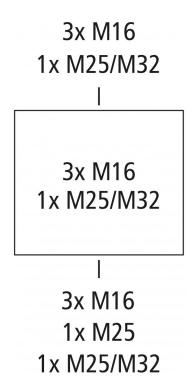59180301 - SF2 - Wallbox pedestal

59180401 - SF2 WSD - Wallbox pedestal

59181201 - DC Graphite - Wallbox design cover

59181001 - LL 7m T2 - Charging cable

Cable gland

3x M16
1x M25/M32
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│             │
│   3x M16    │
│  1x M25/M32 │
│             │
└─────────────┘
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3x M16
1x M25
1x M25/M32