

Charging system for electric vehicles

SENEC.Wallbox pro s

Technical data sheet



reddot winner 2022

Valid for	SENEK.Wallbox pro s
Valid in	Germany
Document version	1.3
Publication date	05/Jun/2024
Document number	TD220-066.13_en-DEU

SENEC.Wallbox pro s

Compatibility

Compatible storage systems SENE.Home V2 Li | SENE.Home V2.1 | SENE.Home V3 hybrid (duo)
SENE.Home 4 | SENE.Home P4 | SENE.Home E4

Optional accessories Post for floor mounting (Stele Solo): art. no. 1-0288

Vehicle connection

Max. charging power 11 kW (three-phase)

Connection technology Tethered charging cable with type 2 charging plug according to IEC 62196-2, approx. 7.5 m

Max. charging current 16 A

Output voltage 230/400 V

Power connection

Mains connection Max. $5 \times 10 \text{ mm}^2$ (max. 6 mm^2 for fine-stranded, flexible conductors with wire end ferrule)

Nominal voltage 230/400 V

Nominal current per phase 16 A

Mains frequency 50 Hz

Circuit breaker 16 A

Fuse protection & installations

Residual current device (RCD) Not integrated, separate installation of RCD type A necessary

DC residual current detection Electronic, $I_{\Delta n \text{ d.c.}} \geq 6 \text{ mA}$

Installation contactor 4-pole (switching of the charging process)

Temperature monitoring Temporary interruption of the charging process in case of overheating

Charging controller & function display

Communication According to IEC 61851-1, mode 3

Display of operating status, errors Front lighting LED (different flashing sequences and colours)

Communication interface RS485 (internal) for connection to SENE battery storage

Ambient conditions

Ambient temperature for storage $-25 \text{ }^\circ\text{C}$ to $+80 \text{ }^\circ\text{C}$

Ambient temperature for operation $-25 \text{ }^\circ\text{C}$ to $+40 \text{ }^\circ\text{C}$

Relative humidity 5 % to 95 % (non-condensing)

Housing protection class IP54

Housing

Type Wall-mounted housing

Mounting type Wall-mounting by means of screws (not included in scope of delivery)

Material (housing and cover) Plastic and painted steel

Dimensions (H × W × D) 410 × 295 × 114 mm

Weight Approx. 11 kg

Standards & directives

DIN EN 62196-2, DIN EN 61851-1

Imprint

Original in German.

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