

RVE-WB

Indoor charging boxes



Description

There are various types of sheltered car parks with different features and needs as regards electric vehicle charging systems. The **Wall-Box** vehicle charging units of the **RVE** range have been designed to cater for electric vehicle charging needs in sheltered car parks. They comply with all electrical safety standards and regulations associated with access, measurement and consumption management safety.

Application

These units have been specifically designed for use in sheltered car parks where any type of vehicle is parked (cars, motorcycles, bicycles, public transport vehicles, cleaning vehicles, etc.).

Technical features

Connection	Connector type	Type I, type II or Schuko
	Type of load	Charging in mode 1 (Schuko) Charging in mode 3 (in accordance with IEC 61851-1)
Electrical features	Input voltage	230 Vac / 400 Vac
	Input frequency	50...60 Hz
	Output voltage	230 Vac / 400 Vac
	Maximum output current	32 A
	Power measurement	Integrated energy meter
Additional features of the Smart series	Energy measurement	Integrated energy meter
	Communications	Ethernet
	Wireless communications	3G / GPRS (optional)
	Display	Display
Build features	Data storage	Yes
	Enclosure	Self-extinguishing ABS-PC plastic
	Dimensions	320 x 225 x 125 mm 442 x 350 x 125 mm
	Anchorage	Vertical, 4 wall-mounting points
	Mechanical protection degree	IK-10
	Protection degree	IP 54
Safety	Category III – 300 Vac (EN 61010) Double-insulated electric shock protection class II	
Standards	EN 61851-1, ISO 14443A	

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References

Type	Code	Charge mode	Connector No.	Connector type	Voltage, current, power
RVE-WBM-SMART	V23015	3	1	Base Type 2	230 V - 32 A - 7,4 kW
RVE-WBM-SMART-TRI	V23025	3	1	Base Type 2	400 V - 32 A - 22 kW
RVE-WBMC-SMART	V23032	3	1	Cable Type 2	230 V - 32 A - 7,4 kW
RVE-WBMC-SMART-TRI	V23035	3	1	Cable Type 2	400 V - 32 A - 22 kW
RVE-WB2M-SMART	V23500	3	2	Base Type 2	230 V - 32 A - 7,4 kW
RVE-WB2M-SMART-TRI	V23530	3	2	Base Type 2	400 V - 32 A - 22 kW
RVE-WBC-SMART	V23115	3	1	Cable Type 1	230 V - 16 A - 3,6 kW
RVE-WBC-SMART-32	V23116	3	1	Cable Type 1	230 V - 32 A - 7,4 kW
RVE-WBCS-SMART	V23121	1, 2, 3	2	Cable Type 1, Schuko	230 V - 32 A - 7,4 kW 230 V - 16 A - 3,6 kW
RVE-WBS-SMART	V23215	1, 2	1	Schuko	230 V - 16 A - 3,6 kW
RVE-WB-MIX-SMART	V23315	1, 2, 3	2	Base Type 2, Schuko	230 V - 32 A - 7,4 kW 230 V - 16 A - 3,6 kW
RVE-WB-MIX-SMART-TRI	V23325	1, 2, 3	2	Base Type 2, Schuko	400 V - 32 A - 22 kW 230 V - 16 A - 3,6 kW

Integrated energy measurement, RFID reader, two-line LCD display, internal measurement, load status light, protocol, OCPP and XML communications. Support for 4-wire cable type 2 direct connector car side according to **IEC 62196-2** for models with cable Type 2. Support for 5-wire cable type 1 **SAE J-1772**, direct car side according to **IEC 62196-2** for models with cable Type 1.

Dimensions

