

# 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

<b>Connection</b>	Connector type	Type I, type II or Schuko
	Type of load	Charging in mode 1 (Schuko) Charging in mode 3 (in accordance with <b>IEC 61851-1</b> )
<b>Electrical features</b>	Input voltage	230 Vac / 400 Vac
	Input frequency	50...60 Hz
	Output voltage	230 Vac / 400 Vac
	Maximum output current	16 A / 32 A, depending on the type
	Power measurement	Integrated energy meter
<b>Additional features CP1 Series</b>	Energy measurement	Integrated energy meter
	Access control and prepaid systems	RFID system card
	RFID reader	<b>ISO 14443 A</b>
	Communications	RS-485
<b>Additional features of the Smart series</b>	Balance monitoring	Two-digit display
	Communications	RS-485 / Ethernet
	Wireless communications	3G / GPRS (optional)
	Display	Display
	Data storage	Yes
<b>Build features</b>	Enclosure	Self-extinguishing ABS-PC plastic
	Dimensions	320 x 225 x 125 mm
	Anchorage	Vertical, 4 wall-mounting points
	Mechanical protection degree	IK-10
	Protection degree	IP 54
<b>Safety</b>	Category III – 300 Vac ( <b>EN 61010</b> ) Double-insulated electric shock protection class II	
<b>Standards</b>	<b>EN 61851-1, IEC 61000, IEC 60364-4-41, IEC 60884-1, IEC 61010, UNE-EN55011, ISO 14443A</b>	

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Type	Code	Charge mode	RFID, meter, display	No. of connectors	Connector type	Voltage, current, power	Communications	Internal memory
RVE-WB	V23010	3	-	1	Type 2	230 V <sub>BC1</sub> 32 A, 7.2 kW 400 V <sub>BC1</sub> 32 A, 22 kW	-	-
RVE-WBM-Smart	V23015	3	Yes	1	Type 2	230 V <sub>BC1</sub> 32 A, 7.2 kW	Ethernet	Yes
RVE-WBM-Smart-TRI	V23025	3	Yes	1	Type 2	400 V <sub>BC1</sub> 32 A, 22 kW	Ethernet	Yes
RVE-WBM-Touch-TRI	V23045	3	Yes	1	Type 2	400 V <sub>BC1</sub> 32 A, 22 kW	Ethernet	Yes
RVE-WBMC	V23030	3	-	1	Cable* + Type 2	230 V <sub>BC1</sub> 32 A, 7.2 kW 400 V <sub>BC1</sub> 32 A, 22 kW	-	-
RVE-WBMC-Smart	V23032	3	Yes	1	Cable* + Type 2	230 V <sub>BC1</sub> 32 A, 7.2 kW	Ethernet	Yes
RVE-WBC-Smart-TRI	V23035	3	Yes	1	Cable* + Type 2	400 V <sub>BC1</sub> 32 A, 22 kW	Ethernet	Yes
RVE-WBC-Touch-TRI	V23050	3	Yes	1	Cable* + Type 2	400 V <sub>BC1</sub> 32 A, 22 kW	Ethernet	Yes
RVE-WBC	V23110	3	-	1	Cable** + Type 1	230 V <sub>BC1</sub> 16 A, 3.6 kW	-	-
RVE-WBC-32	V23111	3	-	1	Cable** + Type 1	230 V <sub>BC1</sub> 32 A, 7.2 kW	-	-
RVE-WBC-Smart	V23115	3	Yes	1	Cable** + Type 1	230 V <sub>BC1</sub> 16 A, 3.6 kW	Ethernet	Yes
RVE-WBC-Smart-32	V23116	3	Yes	1	Cable** + Type 1	230 V <sub>BC1</sub> 32 A, 7.2 kW	Ethernet	Yes
RVE-WBC-Touch	V23125	3	Yes	1	Cable** + Type 1	230 V <sub>BC1</sub> 16 A, 3.6 kW	Ethernet	Yes
RVE-WBC-Touch-32	V23126	3	Yes	1	Cable** + Type 1	230 V <sub>BC1</sub> 32 A, 7.2 kW	Ethernet	Yes
RVE-WB-MIX	V23310	1, 2, 3	-	2	Schuko + Type 2	2x 230 V <sub>BC1</sub> 16 A, 3.6 kW	-	-
RVE-WB-MIX-CP1	V23312	1, 2, 3	Yes	2	Schuko + Type 2	2x 230 V <sub>BC1</sub> 16 A, 3.6 kW	RS-485	-
RVE-WB-MIX-CP1-TRI	V23322	1, 2, 3	Yes	2	Schuko + Type 2	230 V <sub>BC1</sub> 16 A, 3.6 kW 400 V <sub>BC1</sub> 32 A, 22 kW	RS-485	-
RVE-WBS-Smart	V23215	1, 2	Yes	1	Schuko	230 V <sub>BC1</sub> 16 A, 3.6 kW	Ethernet	Yes
Cable support	V23199	Cable support						

<sup>(1)</sup> cable Support, 4 m of cable. Connector type 2, direct car side, according IEC 61196-2

<sup>(2)</sup> cable Support, 5 m of cable. Connector type 1 SAE J-1772, direct car side, according IEC 61196-2

### Dimensions

