

RVE-CB

Post for two-wheeled vehicles



Description

The 2 wheel vehicle charging solution of the **RVE** family has been designed to cover up the needs of 2 wheel electrical vehicles like motorcycles or electrical bikes, compliant with all electrical security regulations as well as access security and metering and consumption management.

This solution consists of a controller that manages prepayment through RFID proximity cards and allows the outlet selection and manages the consumption on each outlet. Furthermore this solution integrates security systems to fit users and electrical vehicles.

Joint to the controller there is a bracket with all electricity outlets for different kinds of 2 wheel vehicles, each outlet is separate from the others in a specific distance that allows parking the vehicle for recharging purposes in a comfortable way.

The robustness for its use and against vandalism as well as installation and use facilities is one of the aspects taken in account when designing and developing this equipment. Furthermore this equipment emphasizes for its compact design with high technological level integrated.

All family **RVE** range of products has been thought to give the electrical vehicle user, a simple method for recharge his vehicle everywhere he parks it, that way, the recharging boxes has been equipped with a simple access system and energy payment through contactless cards, that way all the recharge process could be fulfilled with only a few steps by any user without technical knowledge needs.

Features

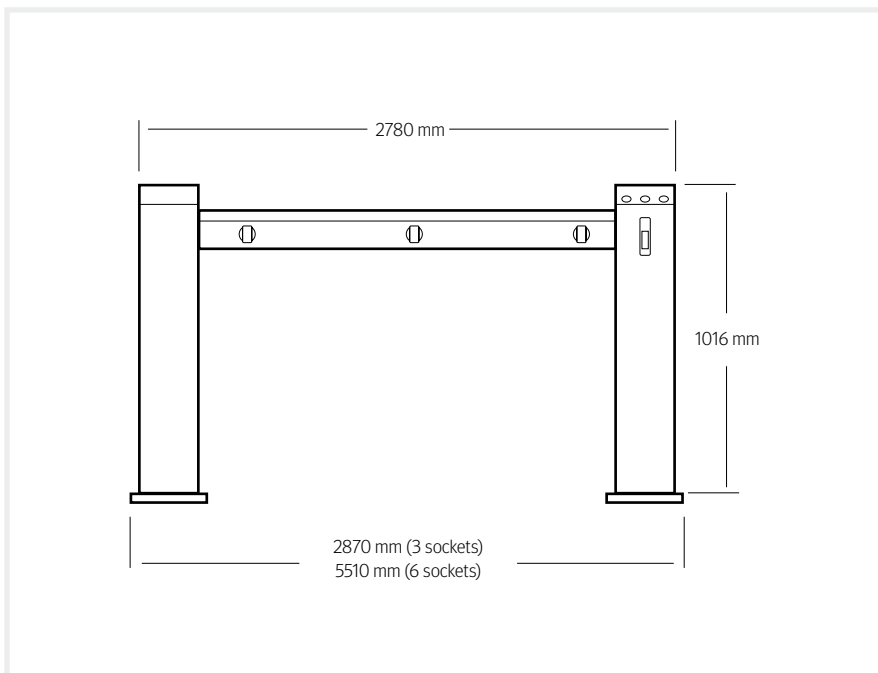
Features	
	Anti-vandalism stainless steel body
	Access and prepayment with proximity cards
	Display for credit monitoring
	Push buttons for outlet selection
	Integrated energy measurement
	Integrated electrical protections with self-reclosing system
	Protection system against energy attempted theft
	Smart aesthetic design
Common technical features	
Power input	230 V AC
Tolerance	± 10 %
Frequency input	50 ... 60 Hz
Power output	230 V AC
Maximum consumption per outlet	3,6 kW
Maximum current output	16 A each socket
Connector	Schuko "CEE 7/4" (Others under request)
Energy	Integrated energy meter
Earth Leakage protection	Self-reclosing system
RFID reader	ISO 14443A
RFID frequency	13,56 MHz
Temperature range	-20 ... +50 °C
Build features	
Surface	Grey polyester paint RAL 9006 with anti-graffiti coat
Surround	FE ST37 2 mm thickness
IP protection degree	IP 54
Anchor	Floor fixing
Standards	
EN 61851-1 : 2001 part 1, IEC 61000 ,IEC 60364-4-41, IEC 61008 – 1, IEC 60884-1, IEC 60529, IEC61010, UNE-EN55011, ISO 14443A	

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Dimensiones



Applications

The recharge stations for two wheel vehicles has been designed to be installed on public street or in dedicated parks for motorbikes or bikes, its special design makes it ideal to fit any installation place where any 2 wheel vehicle can park.

References

Type	Code	Communication	Internal memory	Socket Type	Max. Power	Recharging mode	Weight (Kg)
RVE - CB3	V12110	Ethernet and RS-485 (3G Optional)	-	3 Shucko type	3 x 3,6 kW	Mode 1 y 2	46
RVE - CB6	V12120	Ethernet and RS-485 (3G Optional)	-	6 Shucko type	6 x 3,6 kW	Mode 1 y 2	67