PRV-M

Wall Mounted EV Charging Station

PRV-M is a smart, versatile, wall mounted electric vehicle charging station suitable for **private** or **semi-public** spaces

The plastic enclosure admits **graphics, wraps or lettering for an easy customizable look**. It can be installed both **indoor** and **outdoor**.

The PRV-M supports **authentication through RFID, using MIFARE proximity cards**. It's equipped with mobile communications and OCCP protocol allowing for a fast and simple integration in charging networks.

The charging station allows up to **2 non-simultaneous lateral connectors**, enabling flexible configuration to charge multiple car brands implementing different connectors (Schuko, IEC 62196 type 1 & type 2). With a maximum 22 kW of maximum power, it covers all AC charging modes ((IEC 61851-1 modes 1, 2 & 3).

Charging stations can be installed in groups using **master / slave configuration**, which optimizes communications and enables dynamic power management to reduce the contracted power of the facility.

✓ **Smart**

✓ **Versatile**

✓ **Customizable**

Making the Smart Grid Real

Technical information

Standard	IEC 61851-1
Modes supported	Modes 1, 2 and 3
Number of connectors	1 or 2
Maximum power per connector	22 kW (three-phase 32 A)
Connector types	See table "Connector Configurations"
Protocol	OCPP 1.6
Communications	3G and Ethernet
Authentication	Mifare RFID
Comms system	Master / Slave
Power management	Individual or Group (reducing the contracted power of the facility)
Environment	Outdoor / Indoor
Mounting	Wall mounted
Cosmetics	Customizable
Enclosure	Plastic
Protection	IP54 / IK10
Dimensions	309 x 224 x 610 mm

Connector Configurations (options) 1P: Single phase		Connector 2 (right)				
		No connector	Schuko (16 A)	Cable IEC 62196-2 type 1 (Yazaki)	Connector IEC 62196-2 type 2 (Mennekes)	Cable IEC 62196-2 type 2 (Mennekes)
Connector 1 (left)	No connector	N.A.	1P	1P	1P	1P
	Schuko (16 A)	1P	1P - 1P Not simult.	1P - 1P Not simult.	1P - 1P Not simult.	1P - 1P Not simult.
	Cable IEC 62196-2 type 1 (Yazaki)	1P	1P - 1P Not simult.	1P - 1P Not simult.	1P - 1P Not simult.	1P - 1P Not simult.
	Connector IEC 62196-2 type 2 (Mennekes)	1P	1P - 1P Not simult.	1P - 1P Not simult.	1P - 1P Not simult.	1P - 1P Not simult.
	Cable IEC 62196-2 type 2 (Mennekes)	1P	1P - 1P Not simult.	1P - 1P Not simult.	1P - 1P Not simult.	1P - 1P Not simult.