



PRV-M

Electric Vehicle AC Dual
socket charger



- ✓ **Smart**
- ✓ **Versatile**
- ✓ **Customizable**

PRV-M is a smart, dual socket EV Charger. A customizable & wall mounted charging solution, designed for **public or **semi-public** spaces**

The stainless steel enclosure admits graphics, wraps or lettering for an easy **customizable look**.

The PRV-M **allows 2 simultaneous lateral connectors**.

It enables flexible configuration to charge multiple car brands implementing different connectors (Schuko, IEC 62196 type 1 & type 2).

It covers all **AC charging modes** (IEC 61851-1 modes 1, 2 & 3), with a maximum 22 kW of maximum power.

The 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.

It supports authentication through RFID using MIFARE proximity cards.

It is equipped with mobile communications and OCCP protocol allowing a fast and simple integration in charging networks.

Installable indoor and outdoor.



Making the Smart Grid Real

Technical Information

Standard	IEC 61851-1
Modes supported	Modes 1, 2 and 3
Number of connectors	Simultaneous single and dual plug versions
Maximum power per connector	Adjustable up to 7.4 KW (32A single-phase) / 22 KW (32A three-phase)
Connector types	See table "Connector Configurations"
Protocol	OCPP 1.5 or 1.6
Communications	3G and Ethernet
User interface	RFID Mifare / Desfire, Display, LED indicator
AC power supply	1P+N+PE 230 Vac + 15% or 3P+N+PE 400 Vac +15%
Independent electrical protections for each output	Differential 30 mA Class A Thermomagnetic 32A curve C
Meter	MID
Communications system	Master / Slave
Power management	Individual or Group (reducing the contracted power of the facility)
Environment	Outdoor / Indoor
Mounting	Wall mounted
Aesthetics	Customizable
Enclosure	Stainless steel
External protection levels	IP-54 / IK10
Dimensions and weight	Single-phase device 290 (313) x 174 x 450 (490) and 13 Kg Three-phase device 460 (484) x 206 x 410 (446) and 19 Kg

Connector Configurations (options) 1P: Single phase - 3P: Three phase		Connector 2 (right)				
		Sin 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 3P	1P 3P
	Schuko (16 A)	1P	1P - 1P	1P - 1P	1P - 1P 1P - 3P	1P - 1P 1P - 3P
	Cable IEC 62196-2 type 1 (Yazaki)	1P	1P - 1P	1P - 1P	1P - 1P 1P - 3P	1P - 1P 1P - 3P
	Connector IEC 62196-2 type 2 (Mennekes)	1P 3P	1P - 1P 3P - 1P	1P - 1P 3P - 1P	1P - 1P 1P - 3P 3P - 1P 3P - 3P	1P - 1P 1P - 3P 3P - 1P 3P - 3P
	Cable IEC 62196-2 type 2 (Mennekes)	1P 3P	1P - 1P 3P - 1P	1P - 1P 3P - 1P	1P - 1P 1P - 3P 3P - 1P 3P - 3P	1P - 1P 1P - 3P 3P - 1P 3P - 3P

