



PRV-VP

Public EV
Charging Station



PRV-VP is a smart, versatile, floor mounted electric vehicle charging station ideal for public usage



- ✓ **Robust**
- ✓ **Intelligent**
- ✓ **Versatile**
- ✓ **Customizable**

The robust stainless-steel enclosure allows installation on outdoor locations. The white finish with wide flat surfaces, admits graphics, wraps or lettering for an easy customizable look.

The PRV-VP 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 simultaneous connectors and allows different connector combinations that can cover any need for AC charging in modes 1, 2 and 3 (IEC 61851-1). Each connector has 22 kW of maximum power and can be chosen from several types, such as Schuko, IEC 62196 type 1 or type 2.

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



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 (expandable to 43 kW, three-phase 64 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)
Anti-vandalism	TILT Sensor
Environment	Outdoor
Mounting	Floor
Cosmetics	Customizable
Enclosure	Stainless steel
Protection	IP54 / IK10
Dimensions	324 x 282 x 1467 mm

Connector Configurations (options) 1P: Single phase - 3P: Three 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 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

