



# PRV-VP

Public AC EV  
Charging Station



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

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

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.



## Technical information

<b>Standard</b>	IEC 61851-1
<b>Modes supported</b>	Modes 1, 2 and 3
<b>Number of connectors</b>	1 or 2
<b>Maximum power per connector</b>	22 kW (expandable to 43 kW, three-phase 64 A)
<b>Connector types</b>	See table "Connector Configurations"
<b>Protocol</b>	OCPP 1.6
<b>Communications</b>	3G and Ethernet
<b>Authentication</b>	Mifare RFID
<b>Comms system</b>	Master / Slave
<b>Power management</b>	Individual or Group (reducing the contracted power of the facility)
<b>Anti-vandalism</b>	TILT Sensor
<b>Environment</b>	Outdoor
<b>Mounting</b>	Floor
<b>Cosmetics</b>	Customizable
<b>Enclosure</b>	Stainless steel
<b>Protection</b>	IP54 / IK10
<b>Dimensions</b>	324 x 282 x 1467 mm
<b>Protections (per outlet)</b>	MCB (Curve C) -rearmable optional-, RCD/RCCB (Class A) -rearmable optional- & DC leakage detection

<b>Connector Configurations (options)</b> 1P: Single phase - 3P: Three phase		<b>Connector 2 (right)</b>				
		<b>No connector</b>	<b>Schuko (16 A)</b>	<b>Cable IEC 62196-2 type 1 (Yazaki)</b>	<b>Connector IEC 62196-2 type 2 (Mennekes)</b>	<b>Cable IEC 62196-2 type 2 (Mennekes)</b>
<b>Connector 1 (left)</b>	<b>No connector</b>	N.A.	1P	1P	1P 3P	1P 3P
	<b>Schuko (16 A)</b>	1P	1P - 1P	1P - 1P	1P - 1P 1P - 3P	1P - 1P 1P - 3P
	<b>Cable IEC 62196-2 type 1 (Yazaki)</b>	1P	1P - 1P	1P - 1P	1P - 1P 1P - 3P	1P - 1P 1P - 3P
	<b>Connector IEC 62196-2 type 2 (Mennekes)</b>	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
	<b>Cable IEC 62196-2 type 2 (Mennekes)</b>	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

