



Public Charging Station

Overview

- Charge all vehicles with SAE J1772 Type-1 connector
- Pedestal or wall-mount installation
- AC output power up to 2 x 7.2 kVA
- Simultaneous charging of 2 vehicles
- TFT color display
- RCD and breaker included
- Network integration (OCPP or proprietary protocol)
- Built-in communications (4G; LAN; Wi-Fi)

Pedestal-mount

Wall-mount

Main features

- Multiple outputs
- Scalability (Master-slave)
- Pedestal or wall-mount
- Versatile installation options
- Aluminum enclosure
- Simple plug & play installation
- Standalone or network integration charger
- Local and remote monitoring and control

The Public Charger was designed to have up to two (2) 7.2 kVA outputs, and can charge any EV compatible with SAE J1772.

Using simple installation procedures and requirements, the Public charger can be wall-mounted or pedestal-mounted, allowing versatile installation options.

The Human Machine Interface (HMI) with TFT display and RFID reader was designed to control the 2 built-in outputs.

Each Public Charger can be integrated in a charging infrastructure network and its operation and status is controlled by the central management system.

Multiple Public Chargers in one location can be integrated in the network in a master slave configuration with only one internet communication connection.



Color Display

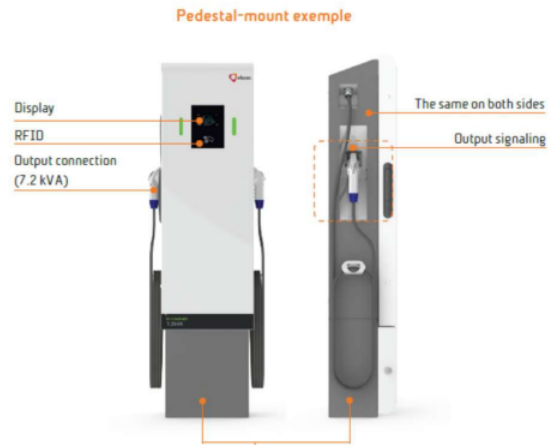


Technical Information

Technical data

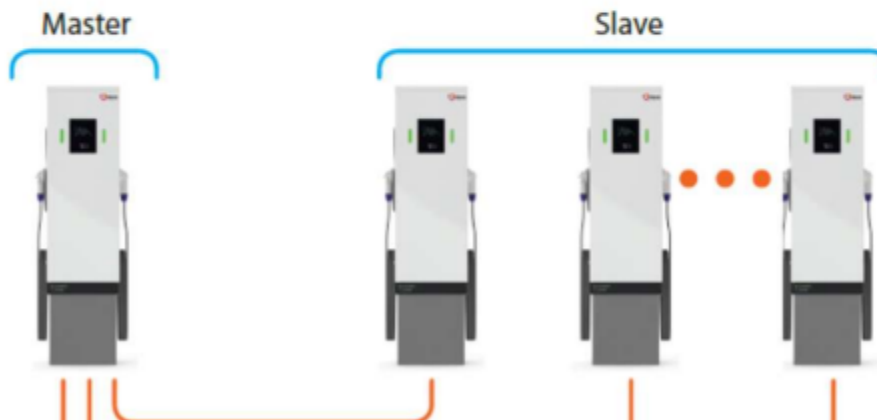
Nominal Input	
Voltage	208/240 Vac
Frequency	60 Hz
Input current	30 A / each output
Input power	7.2 kVA / each output
Nominal Output	
Voltage	208/240 Vac \pm 10%
Current	30 A / each output
Nominal power	7.2 kVA / each output
Over current	40 A
RCD	5 mA (Class A)
General Specifications	
Equipment	Single or dual output equipment
Mounting	Pedestal or wall mount
Communication with EV	Pilot signal according to SAE J1772
AC plug (or socket)	SAE J1772 Typo-1
Human machine interface	By default
Display	Yes - TFT (color display) Mifaro
RFID system	(Classic, DesFire EV1)
Communication	4G (GSM or CDMA) LAN Wi-Fi

Configurations



Communication protocols	OCPP (1.5; 1.6) and others
Place of installation	Indoor/Outdoor
Altitude	Up to 3281 ft
Protection degree	IP54 IK10 NEMA 3R
Operating Temperature	-13 to +122 °F
Optional Cold Option	-31 to +122 °F
Storage temperature	-40 to +140 °F
Humidity	5% to 95%
Dimensions (W x D x H)	Wall-mount: 15x11x43 in Ground-mount: 15x11x57 in
Weight	44 to 66 lbs
Certifications	UL 2594, 2231-1, 2231-2; CSA 22.2#280

Master/Slave scheme



Mechanical installation of Level 2 include the following: Civil work as required to construct concrete slab for power cabinet as per Efacec Installation Manual. Setting and anchoring cabinet in place with proper size and type anchor bolts.

Concrete/steel bollards around charging equipment to protect from possible damage by vehicles.

Electrical power supply to Level 2 EVSE of 208 – 240 VAC, 1 ph, 60 Hz @ 30A (x2). Properly sized circuit breakers in the power distribution panels for each charger Main power disconnect switch to be located near each EV Charge station as per national and local electrical codes. Electrical installation to also include conduit run(s) from power distribution panel to EV Charger. Internet connection with public, static IP address is recommended for remote troubleshooting by Efacec technicians. Internet access can be achieved via optional cellular modem (data package not included) or via an ethernet cable from the host ISP.

Efacec recommends an internet connection for remote troubleshooting capability. Internet connection is also required for network management and billing features.

Item Description	MSRP
7.2 kW AC output-DUAL-Pedestal Mount	\$4 920,00
4G LTE Cellular Modem (GSM or CDMA)	\$623,00
Overhead Cord Retraction Device (Dual)	\$1 560,00
Extended Warranty 5Y (2 + 3)	\$738

LEAD Time

- 2 weeks from order to shipping from Norcross GA.
- 100% Payment to be invoiced upon receipt of purchase order and authorization to proceed.

Equipment can be stored on behalf of the customer under separate agreement.