EVPC POLE MOUNT

AC Public Charging Station

Overview

- Charge all Mode 3 vehicle
- Pole or wall-mount installation
- Single output from 3,7 kVA to 22 kVA
- Simple and intuitive usage
- RFID user identification
- Status color LED
- Network integration (OCPP or proprietary protocol);
- Build-in communications (3G; LAN; Wi-Fi)

User-Friendly | Low-Cost | Communication & Management | Available Outputs

Main features

- Low-cost
- Single output (Mode-3)
- Multiple powers (up to 22 kVA)
- Scalability (master-slave)
- Pole or wall-mount
- Simple plug & play installation
- Standalone or network integration charger
- Local and remote monitoring and control
- Customized personalization
- 8 colors available

Product description

Efacec **Electric Vehicle Public Charger (EV-PC)** product line is composed by 3 product families:

- **EV - PC Pole-Mount** (here presented)
- **EV - Public Charger**[1]
- **EV - PC Modular**[2]

The Efacec **EV Public Charger** has been developed and designed for conductive battery charging of the BEV (Battery Electric Vehicle) or PHEV's (Plug-in Hybrid Electric Vehicles) on board batteries at public access charging locations.

Efacec **EV-PC Pole-Mount** was conceived for public domain installations, where usage simplicity and functionality are intended. Equipped with one Mode 3 charging outlet (power ranging from 3,7 kVA to 22 kVA), can charge any EV compatible with IEC61851.

Using easy installation procedures and requirements, Efacec **EV-PC Pole-Mount** can be mounted in a pole or in a wall allowing versatile installation capability.

Each Efacec **EV-PC** can be integrated in a charging infrastructure network and its operation and status is controlled by the central management system. If a charger is offline the user can still operate it according to the business model defined by the customer.

[1] please refer to Efacec Catalogue EV-Public Charger | [2] please refer to Efacec Catalogue EV-PC Modular

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Technical data	CE			
Nominal Input				
Phases / lines	1 phase + neutral + PE		3 phases + neutral + PE	
Voltage	230 Vac ± 10%		400 Vac ± 10%	
Frequency	50 or 60 Hz		50 or 60 Hz	
Input current	16 A	32 A	16 A	32 A
Input power	3,7 kVA	7,4 kVA	11 kVA	22 kVA
Nominal Output				
Voltage	230 Vac ± 10%		400 Vac ± 10%	
Current	16 A	32 A	16 A	32 A
Nominal power	3,7 kVA	7,4 kVA	11 kVA	22 kVA
Over current	20 A	40 A	20 A	40 A
RCD	30mA (Type A)		30 mA (Type B)	
General Specifications				
Equipment	Sinlge AC output equipment			
Mounting	Pole or Wall Mount			
Communication with EV	Pilot Signal according to IEC61851			
AC Plug (or socket)	IEC62196 Type-2 (others under request)			
Human machine interface Display RFID system Communication	By default No Mifare (Classic, DesFire EV1) 3G (GSM or CDMA) | LAN | Wi-Fi			
Communication protocols	OCPP (1.2; 1.5) and others			
Place of installation	Indoor/Outdoor			
Altitude	Up to 1000 m			
Protection degree	IP54 | IK10			
Operating Temperature Optional Cold Option	-25 to +50 °C -35 to +50 °C			
Storage temperature	-40 to +60 °C			
Humidity	5% to 95%			
Dimensions (W x D x H)	284 x 432 x 215			
Weight	≈ 9 Kg			

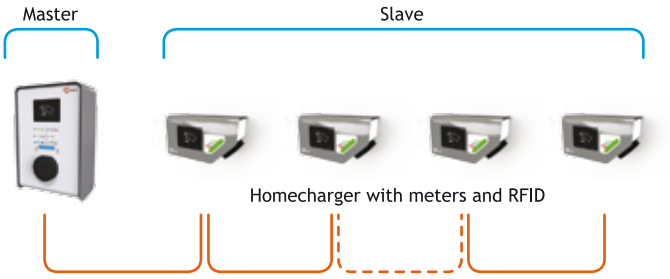
Configurations

Mounting Examples

Pole mount

Wall mount

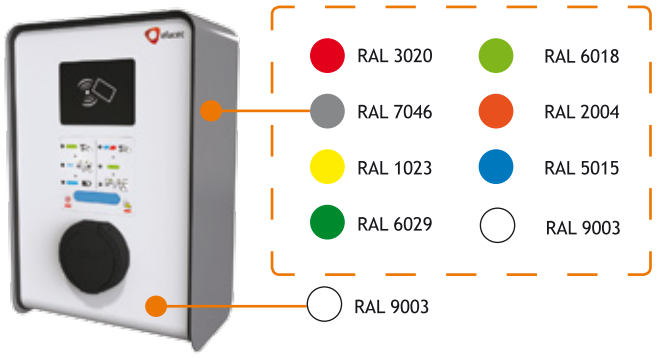
Master/Slave scheme



Applications

- Public parking
- Supermarkets and shopping malls
- Bus and railway stations
- Restaurants
- EV infrastructure operators
- EV fleets (private and public)

Choose your color



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