



# 7KW EV AC CHARGER



## ELECTRIC VEHICLE CHARGING STATION



PowerHub EVCCS AC charging station offers Electric Vehicle owners the ability to charge their car safely and quickly. When charging an electric car with alternating current, the car's *on-board system* (also called the on-board charger) is used and it takes care of the conversion of outlet current into battery current. It therefore receives alternating current (AC) and converts it into direct current (DC), which is then sent to the car battery.

Complies with industry standards, its advanced charging technology is able to support even the next-generation of electric vehicles. They are suitable for private condominium, residential areas, commercial office buildings, urban complex parking lots or urban public charging stations that allows long charging duration. Besides that, its payment & billing platform solutions provides easy and secure payments at the station payment terminals using RFID card.

Armed with a user-friendly interface, its daylight readable touchscreen display with graphic visualization of charging progress, and its RFID and mobile phone authorization, will provide EV drivers a quick, safe and easy EV Charging experience today and in the future.

**DRIVE INTO THE FUTURE**

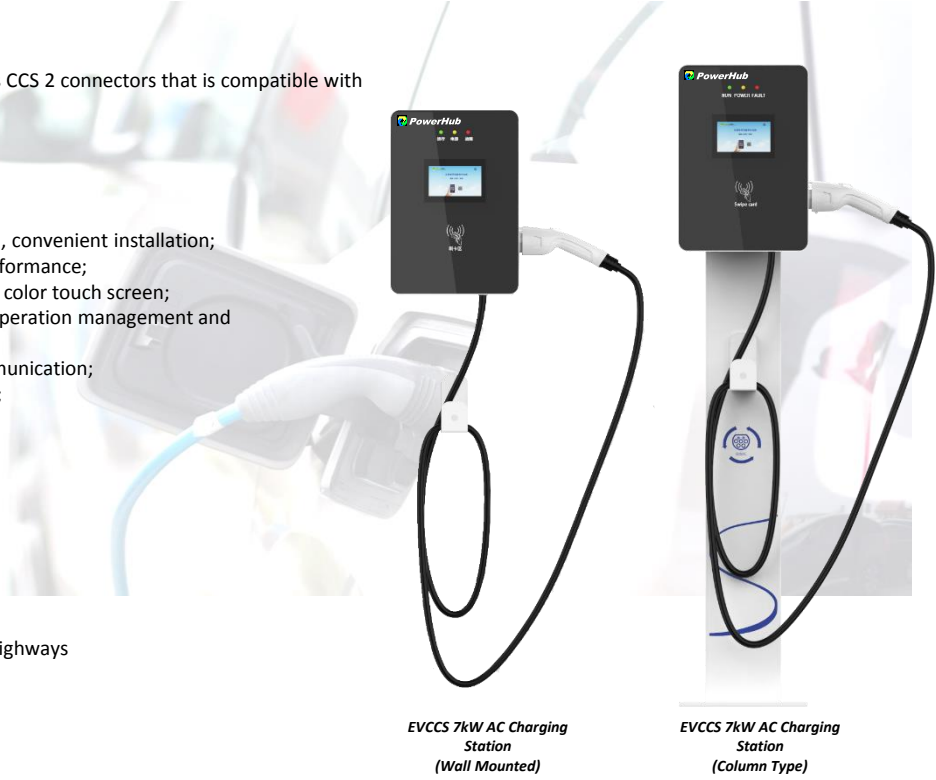
PowerHub EVCCS AC Charging station uses CCS 2 connectors that is compatible with all CCS Electric Cars.

## FEATURES

- Delicate appearance, simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Friendly interaction interface, 4.3-inch color touch screen;
- Support multiple modes of charging, operation management and payment;
- Support Ethernet or wireless telecommunication;
- Support RFID Card/OCPP1.6 (optional);
- Support Type-2 (optional);
- Overload integrated Protection;
- Support online data upgrade.

## APPLICATIONS

- Service station operators
- Public corridor charging along the highways
- Busy urban areas
- Commercial fleet operators



EVCCS 7kW AC Charging Station (Wall Mounted)

EVCCS 7kW AC Charging Station (Column Type)

## EV CHARGING STATION TECHNICAL SPECIFICATION

Model	EVCCSWM07AC	EVCCSCL07AC
Part Number	PH2655Q8007K	PH2655QC007K
<b>General</b>		
EV charger Type	AC	
Charger Capacity	7KW	
Mounting	Wall-mounted	Column Type
<b>Input</b>		
AC Supply System	Single-Phase, 3 Wire AC system	
Nominal Input voltage	220Vac (+20% and -20%)	
Input frequency	50Hz, ±1.5Hz / 60Hz, ±1.5Hz	
<b>Environmental</b>		
Ambient Temperature Range	-25 to 55°C	
Ambient Humidity	5 to 95%	
Storage temperature	-40 to 70°C	
<b>Mechanical</b>		
IP Ratings	IP 54	
Cooling	Air cooled	
<b>Output</b>		
Number of outputs	1	
Type of each output	220Vac (+20% and -20%) single phase, 32Amp	
Output Current	32 Amp	
Output Connector Compatibility	AC: IEC-61851-22, IEC 62196-2 Mode 3, Type 2	
<b>User Interface &amp; Display</b>		
Display & touch-screen size	4.3 inches	
User Authentication	Mobile application or User interface / QR Code/RFID Card /Password Login	
Metering Information	Consumption Units	
<b>Communication Interface</b>		
Communication between EVSE and Central Server	OCPP 1.6 protocol	
Interface between charger and CMS	Ethernet and GPRS Modem	
Protection & Safety Requirements	Over current, under voltage, Residual current, Surge protection, leakage protection, Short circuit, Over temperature, etc.	

Due to ongoing product improvements, specifications are subject to change without notice.