



## Electric Vehicle (EV) AC CHARGER



## ELECTRIC VEHICLE CHARGING STATION



**PowerHub EVCWM 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

- International Protection grade 55
- Compatible 7/11/22kW
- Resume charging after fault recovered
- Reservation charging, schedule charging
- Customized colour
- With smart temperature sensor, adjust run-time power
- OTA upgrade, Dialog and Troubleshooting
- Low power consumption, environmental protection
- Smart lamp signals

## APPLICATIONS

- Designed for public parking lots, commercial buildings, community properties and household which have the requirement of EV charger, support wall mounted/ floor mounted installation.



EVCCSPM AC Charging Station

## EV CHARGING STATION TECHNICAL SPECIFICATION

Parameters	Model	EVCWM07AC	EVCWM11AC	EVCWM22AC	
Input	Power supply	P+N+PE		3P+N+PE	
	Voltage	200~260V		360~440V	
	Current	32A	16A	32A	
	Frequency			45~65Hz	
Output	Voltage	200~260V		360~440V	
	Max current	32A	16A	32A	
	Rated power	7kW	11kW	22kW	
	Charge plug	Type 2/ Type 1	Type 2/ Type 1	Type 2/ Type 1	
User interface	Cable length	5 meter (include connector)			
	Enclosure	Plastic			
	Indicator	Green/Yellow/Blue/Red			
	LCD display	4.3" color LCD (Optional)			
	RFID card reader	Non-contact (ISO/IEC14443 A)			
	Start method	Card/QR code/ BLE/ Plug and Charge			
	Communication	local interface	BLE 5.0,RS 485		
		Uplink interface	Ethernet/4G		
Protocol		OCPP1.6J/2.0J(Optional)			
Safety	RCD	30mA TypeA+6mA DC			
	Emergency stop	Yes			
	Protection grade	IP55			
	Anti-collision grade	IK08			
	Certification	CE, CB, TR25 Certified, LTA-Type Approval			
Working environment	Standard	EN/IEC 61851-1:2017			
	Installation	Wall mounted/Ground standing (Optional with pile)			
	Working temperature	-25°C~55°C (with LCD)			
		-30°C~55°C (without LCD)			
	Working humidity	5%~95% (Non-condensation)			
	Storage temperature	-40°C~70°C			
Package	Altitude	≤2000m			
	Product size	218*109*404mm(W*D*H)			
	Package size	517*432*207mm(L*W*H)			
	Net weight	2.8kg	3.7kg	4.9kg	
	Gross weight	3.8 kg	4.7kg	5.9kg	
Others	Packaging material	Carton box			
	Warranty	2 years			

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