

# Dual Port AC Electric Vehicle Charging Station

This AC charging station provides AC power at 50Hz and 220V for electric vehicles with onboard chargers. It is applicable for large, medium, and small electric vehicle charging stations, public parking spaces, and transportation hubs.



## ADDITIONAL IMAGES



## Overview



The dual-port design allows for simultaneous charging of two vehicles, ideal for high-traffic commercial areas.

## Dual Port AC Charging Solution

This AC electric vehicle charging station features a dual-gun design, allowing for the simultaneous charging of two electric vehicles to maximize efficiency and reduce wait times. Designed for versatility, it is suitable for large-scale charging stations, residential quarters, shopping plazas, and high-speed transportation hubs. The system is built with a robust sheet metal and ABS plastic enclosure, offering high compatibility with vehicles complying with SAE J1772 or IEC 62196-2 standards.

## Performance Metrics

### Key Performance Metrics

<b>7 kW</b> Power Output	<b>32 A</b> Max Current	<b>220 V</b> Rated Voltage
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## Technical Specifications

### Electrical Specifications

Parameter	Value
Input/Output Voltage	AC220V $\pm$ 20%
Input Frequency	50 $\pm$ 10Hz
Measurement Accuracy	Level 0.5
Cable Length	5m
Charging Modes	Automatic full, fixed time, fixed amount, fixed power

## Physical & Installation

### Installation Options

- Wall-mounted (292\*126\*417 mm)
- Column/Pedestal type (292\*176\*4131 mm)
- Down-and-down routing

## Safety & Protection



Equipped with an emergency stop button and intelligent temperature monitoring to ensure safe operation in all conditions.

### Protection Ratings

IP54 • IP55 • Level 0.5 Accuracy

### Safety Features

Leakage Protection, Emergency Stop Button, Overheating Cut-off, IP54/IP55 Waterproof, Temperature Monitoring

## Operating Environment

### Operating Environment

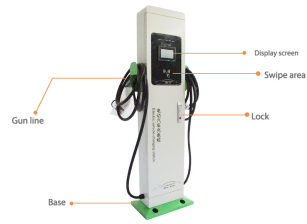
Condition	Requirement
Ambient Temperature	-25°C to 50°C
Relative Humidity	d 90% (at 25°C)
Atmospheric Pressure	80kPa to 110kPa
Installation Inclination	d 5%

## Smart Features

### PRODUCT DESCRIPTION

#### EV CHARGING STATION

IP55



The unit features a clear display screen, secure swipe area for IC cards, and a robust IP55-rated enclosure.

#### Interface & Connectivity

- 4.3 inch color touch screen (480x272 resolution)
- Non-contact IC smart card reader
- RS-485 networking communication interface
- GPRS networking mode support
- Embedded operating system