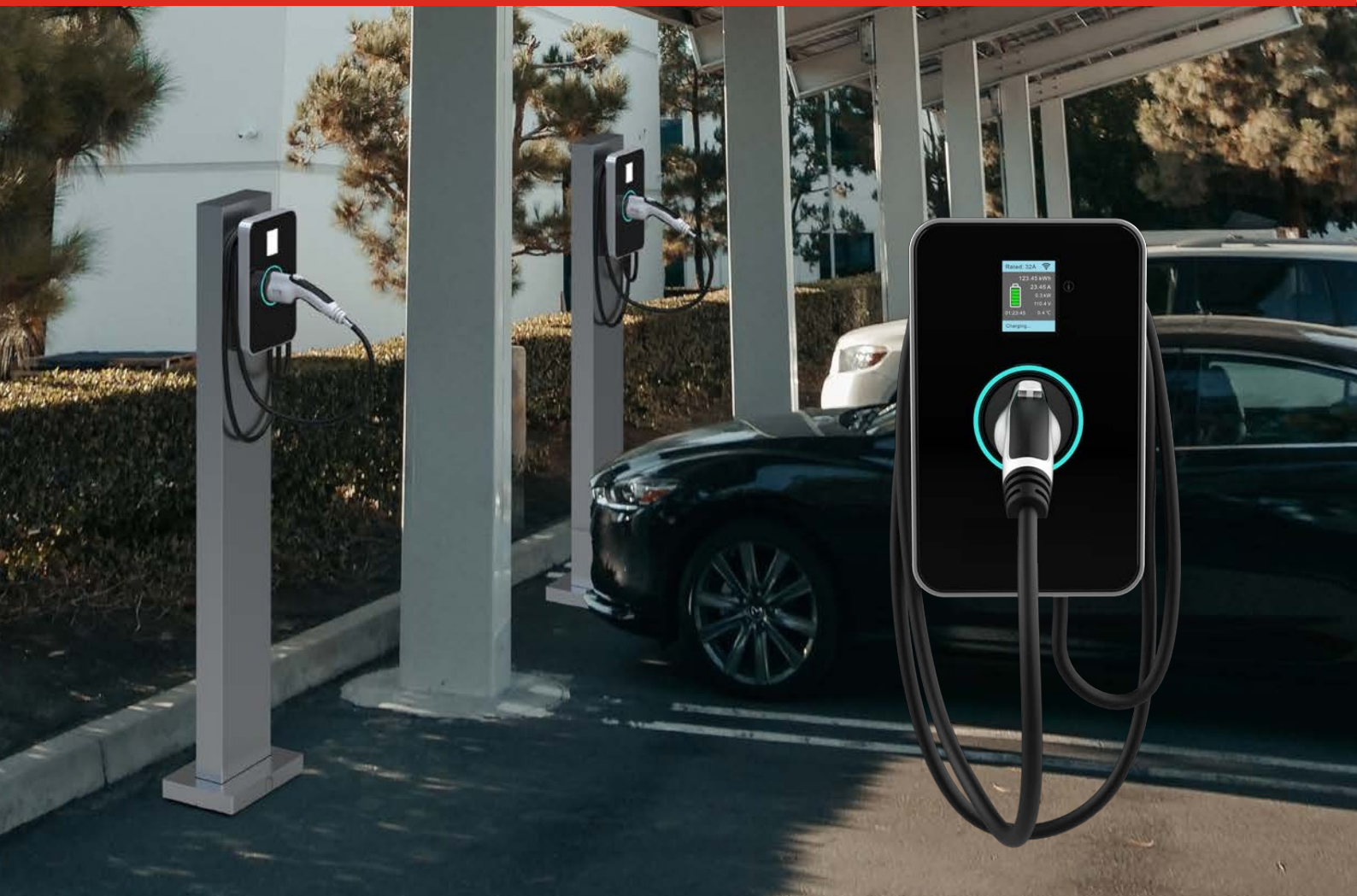




SAFECHARGER

Wallbox - AC charging station



JHE9-40032W

Description

This is a wall or single gun AC charging station for home or business. It conforms to the requirements of IEC61851-1. European standard plug TYPE2, charging mode 3, connection mode C, maximum charging current up to 32A. The product is mainly composed of a leakage current protection circuit with built-in RCCB function, charging control module, output relay, charging status indicator, LCD display, WIFI communication, charging cable and cover. The charging station has multiple protection functions, which can detect DC, AC and pulsating current leakage, overload and short circuit.

During charging, the connection status and charging current can be monitored in real time to ensure the safety of personnel and vehicles in the charging process. The built-in communication module and OCPP1.6/2.0 system can also realize the control and query function through the mobile APP. IP55 protection level, safe, reliable outdoor use.

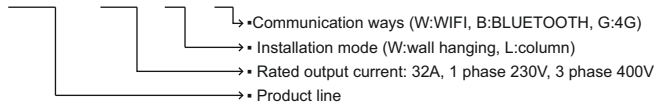
The charging station is ready for connection to home management or other control system using RS485 with ModBus protocol.

Main features

- According to IEC/en 61851 standard
- 3 phase version
- Maximum charging current 32 A
- Plug type 2 according to IEC62196-2
- Built-in RCCB B type
- Built-in OCPP1.6/2.0 and RFID
- RS485 for intelligent control system
- IP55 protection class
- Direct installation on wall

Name rules

JHE9-40032 W W



Related standarts

- Specific performance criteria are defined in IEC 61851-22
- Test of withstand voltage in accordance with IEC 60664
- Test of degrees of protection provided by enclosures (IP Code) in accordance with IEC 60529
- Test of impulse dielectric withstand (1,2/50ms) in accordance with IEC 61180-1
- Test of insulation resistance and clearance and creepage distances in accordance with IEC 60664-1
- Damp heat continuous test in accordance with IEC 60068-2-78
- Damp heat cycle test in accordance with IEC 60068-2-30
- Test of mechanical impact in accordance with IEC 60068-2-75
- Emission testing is conducted according to IEC 61000-6-3
- Immunity testing is conducted according to IEC 61000-6-1

Description	Project	Parameter
Electric parameter	Working voltage	AC400V±10%
	Working frequency	50/60±1 HZ
	Output power	22kW
	Stand-by power consum.	5W
	Rated output current	AC 32A (can be set 6/10/16/32A)
	Working temperature	-40 °C ~ +50 °C, over 60 °C derating
	Storage temperature	-40°C ~ +80°C
	Humidity	≤95 % (without condensation)
	Altitude	2km
	Isulation resistance	>10MΩ
	Dielectric strenght	Leaking current≤10mA
	External breaker	Need install breaker
	Grounding system	TN-S
Safety protection	Ground fall detection	Ground fall detevtion, automatic recovery
	Residual current detection	A+6mA DC
	Protection function	Overvoltage, undervoltage and overcurrent protection, output short circuit
	Protection class	IP55 (instal. according to instructions), IK08
Metering	Without MID independent meter	On-board measurement
Interface	Display mode	2,8 inch color backlit LCD
	Starting mode	Self-starting, application, RFID, RS485
	Charging mode	Automatic, manual
	Charging port	IEC62196-2
	Charging cable	5 m
Com.	Communication	WIFI
	Control	RS485 with ModBus protocol, can be connected to homemanagement/other system
	RFID	ISO/IEC 15693/ISO14443-A
	Com. protocol	OCPP1.6/2.0
	Software upgrade	OTA
Structure parameter	Boundary dimension	201*319*88,5 mm
	Installation	Wall
	Weight kg	2,4 kg (with charging cable)
Certification	Certification	CE

Connection



Dimmension

