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CCS1 DC EV CHARGER



The relevant information on the products contained is for reference only.  
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HONGFA GROUP



HONGFA ELECTRIC



# INTRODUCTION

Hongfa, (Shanghai Stock Exchange: 600885), founded in 1984, has been adhering to the enterprise spirit of "persevere for progress, strive for excellence", and has built a complete industry system with complete categories and supporting facilities. At present, Hongfa has more than 30 subsidiaries and has established three districts of R & D and production bases. Its products cover various categories, such as medium and low voltage products, relays, high and low voltage switchgear, capacitors, precision parts and automation equipment.

Xiamen Hongfa Electric Co., Ltd. is a wholly-owned subsidiary of Xiamen Hongfa Electrical Acoustics Co., Ltd. It was established in 1995 with a registered capital of 130 million yuan.

The company is primarily engaged in the research, development, production, and sales of medium-voltage components, high and low-voltage switchgear assemblies, charging stations, and intelligent products. It is a designated manufacturer of high and low-voltage switchgear assemblies for the former Ministry of Machinery and Ministry of Electric Power.

With over 20 years of experience in the research, development, and manufacturing of high and low voltage switchgear, we have achieved international advanced levels in product technology, process, and quality.

The product is widely used in smart grid, new energy, building power distribution, rail transit, industrial control, network communication, security and fire protection and other industries.

In the United States, Europe, Southeast Asia and other regions, Hongfa has established localized marketing and service networks with global market operation and technical service. Relying on professional and rigorous technical support, fast response and all-round service, safe and reliable product quality and high cost performance, Hongfa has reached business cooperation relationship with many global top 500 enterprises and other well-known enterprises, such as Enel, GE, Honeywell, Carrier, Trane, Johnson Controls, Danfoss, State Grid, China Southern Power Grid, CRRC, China Mobile, China Unicom, etc.



Donglin Industrial Park



Zhangzhou Industrial Park



Haicang Industrial Park



Zhongjiang Industrial Park



Zhoushan Industrial Park



Xi'an Factory

In terms of technology R & D and manufacturing, taking the national enterprise technology center as the platform, Hongfa has set up postdoctoral research workstation, academician and expert workstation. Now it has developed into a leading scientific research and production base in the industry. From product development, mold manufacturing, parts manufacturing, automated product assembly and online testing, Hongfa has successfully built an integrated whole industry chain of medium and low voltage products. In terms of product testing, Hongfa testing center has passed the certification of VDE, UL, CNAS and other international organizations, and has complete testing and analysis equipment for low-voltage products, such as 50kA ultimate short circuit test, 8kA electrical life test, 80kA characteristic test, mechanical simulation and testing system, electro-magnetic simulation and testing system.

Hongfa always adheres to the policy of "focused on the market, winning through quality", and has a completed quality assurance system. Its products have passed UL / CUL, VDE, CQC, CCC and other international safety certification. In the process of quality management, Hongfa actively implements the advanced quality concept, constantly improves the quality management system, continuously promotes the product process quality control and testing, strengthens the supply chain management, and is committed to providing each customer with high-quality products and creating greater value.

Advanced technology and strict quality control have created Hongfa's brand strength. Hongfa is willing to work hand in hand with global customers to share the convenience and well-being brought by science and technology.



Sunban Industrial Park



# CONTENT

## HF-CD30-1000A 30kW CCS1 DC EV CHARGER

<b>01</b>	Product Overview	05
	Scope of Application	
	Product Features	
	Product Pictures	
	Standard	
	Structure	
<b>02</b>	Standard Operation And Installation Conditions	07
<b>03</b>	Product Model and Meaning	07
<b>04</b>	Main Technical Data	08
<b>05</b>	Dimensions	09

30kW CCS1 DC EV CHARGER

Scope of Application

The 30kW ccs1 dc ev charger is a high-end fast-charging pile that complies with the UL Standard, is easy to use, safe and reliable, and has excellent heat dissipation. It is suitable for electric cars, special vehicles, micro and light trucks, and is the first choice of charging pile for all kinds of operators, car companies and private cars. The mobile and wall-mounted design provides you with diversified installation options, and the dual-plug wheel charging design allows you to take turns charging two cars, eliminating the need to move the vehicle and inserting and removing the charging plug.

Product Features

- Novel and fashionable appearance, compact size, easy to move and diversified installation.
- Widely applicable to all types of electric vehicles, whether BEV、PHEV、REEV, all can use our charger.
- The product supports both CCS1 and NACS charging interfaces.
- 7"LCD touch screen, excellent human-machine interactive operation interface.
- Safe guarding measures: multiple protection features.
- Support for OCPP1.6J protocols.
- Support POS, contactless bank card, M1 card, NFC charging.
- Support QR code scanning charging.
- Designed to meet North American requirements.
- Products obtained ETL, FCC reports and certificates.

Product Picture

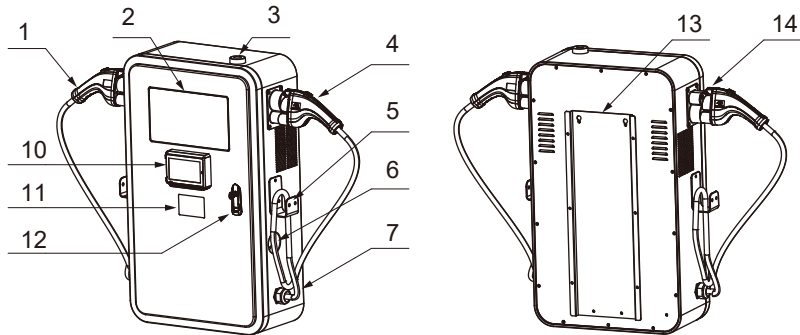


Standard

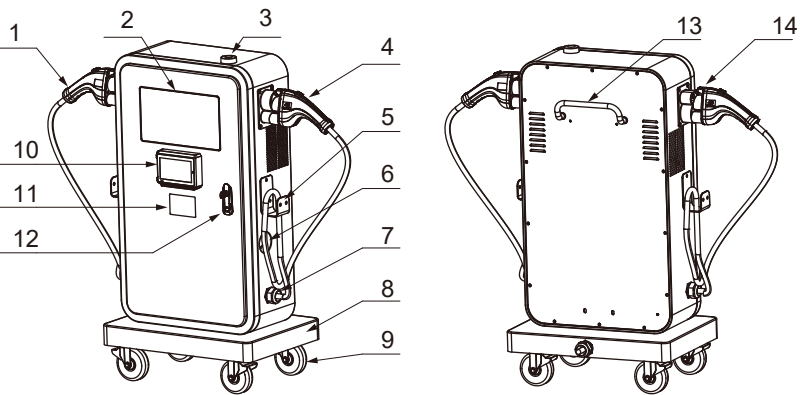
UL	UL2202:2022, UL2231-2:2020, UL50E
CSA	CSA C22.2
IEC	IEC61851, IEC62196
ISO	ISO15118
DIN	DIN70121

Structure

Wall-mounted



Mobile



- 1.Plug A

2.LCD Touch Screen

3.4G Antenna

4.Plug B

5.Hook

6.Emergency Stop Button

7.Gland
- 8.Base (Mobile)

9 Castors (Mobile)

10.POS

11.RFID

12.Lock

13.Handle (mobile)\Wall mounting plate (wall-mounted)

14.Sockets

Standard Operation And Installation Conditions

- The ambient temperature is -20℃ ~ +50℃, and will be derated for use above 55℃.
- Storage conditions: ambient temperature -30℃ ~ +70℃.
- The altitude of the installation site does not exceed 2000m above sea level.
- The pollution level is 3R.
- Protection class IP54.
- The vertical inclination of the charging post should not exceed 5°.
- The charging pile shall be installed in a place free from danger of explosion, conductive dust, corrosive metals and damage to insulation and well ventilated.

Product Model and Meaning

Enterprise Code: HONGFA

Product Code: Charger

Product Type:  
A:AC Charger      D:DC Charger

Rated Power:  
7kW 11kW 22kW 30kW 40kW 60kW 120kW  
160kW 180kW

Rated Current & Rated Voltage:  
16A/32A/48A & 750V/1000V

Standard: J: Japan E: Europe A America G:GB

Mounting method:  
W: Wall-mounted L: Columnar M: Mobile P: Portabe F: Fixed S: Split

Plug and Socket: S: Mounted C: Line-of-sight

Plug Quantities:  
1: 1 plug 2: 2 plug 3: 3 plug 4: 4 plug 5: 5 plug

Swipe Methods: B: Swipe card billing    C: Swipe card not charged    N: No need to swipe the card. P:POS

Network type: W:WiFi 4:4G L:LAN B:Bluetooth

Platform:  
Y:YKC    E:EKC C:OCPP1.6J G:State Grid N:Southern Power Grid D:Dakeyun

HF-C-A07-32J-W-S2-B-W-Y

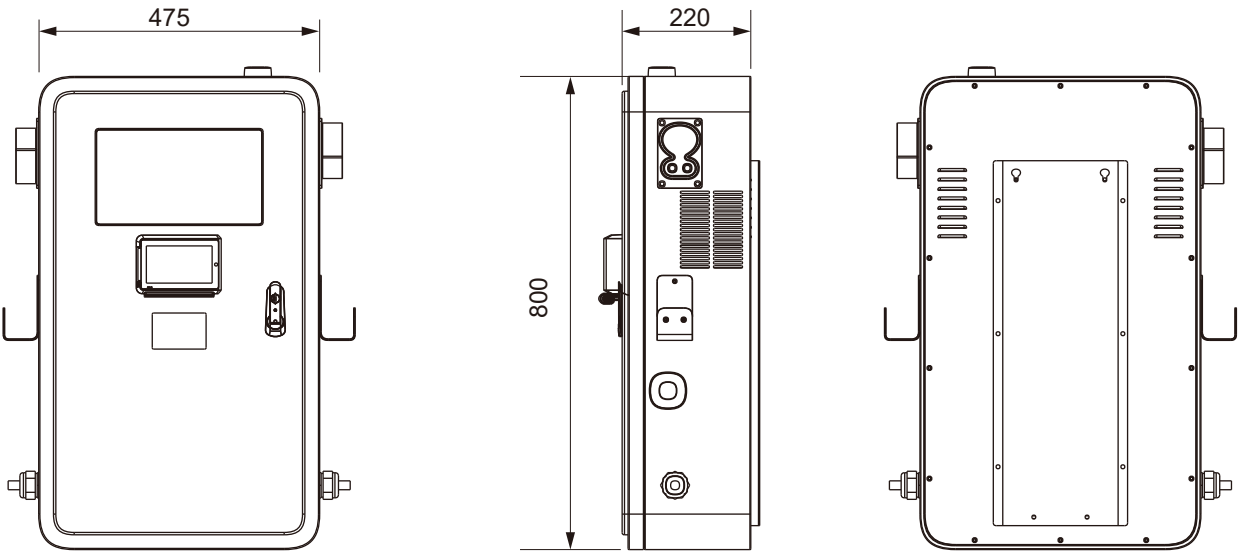
Main Technical Data

Model	HF-CD30-1000A
Type	CCS1 DC EV CHARGER
Mounting method	Mobile/Wall-mounted
Rated power	30kW
Input Voltage	AC480V+10%/-30%
Input frequency	50-60Hz
Output voltage	DC200-1000V
Output Current	DC80A Max.
Input line length	5m (Mobile) /Unavailable (Wall-mounted) , Length is customisable
Plug Cable Length	3.5m (Mobile) , 5m (Wall-mounted) , Length is customisable
Plug Type	CCS1×2 (Optional NACS×2, NACS+CCS1)
Plug Quantity	2 PCS (Optional 1)
Plug Durability	10000 cycles
Harmonic Content(THD)	≤5% (Above 50% load)
User Interface	7 " LCD Touch Screen
Charging Method	Dual-plug rotational charging, plug-and-play
Billing Method	IC card billing, Scanning code billing, POS card billing
Connection Method	4G, LWi-Fi, LAN (Default LAN, other optional)
Communications Protocol	OCPP1.6J
Standard	UL2202, UL2231, IEC61851, IEC62196, ISO15118, DIN70121
Safety Function	Plug temperature detection, Over-voltage protection, Under-voltage protection, Overload protection, Short circuit protection, Grounding protection, Over-temperature protection, Insulation monitoring protection, Lightning protection, Leakage protection
Operating Temperature	-20℃~+50℃
Humidity	5%~95%
Altitude	≤2000m
IP Degree	IP54
Cooling Method	Forced air cooling + Natural cooling
Dimension	475×1000×370mm (L×H×D, Mobile) , 475×800×220mm (L×H×D, Wall-mounted)
Net Weight	76kg (Mobile) /68kg (Wall-mounted)

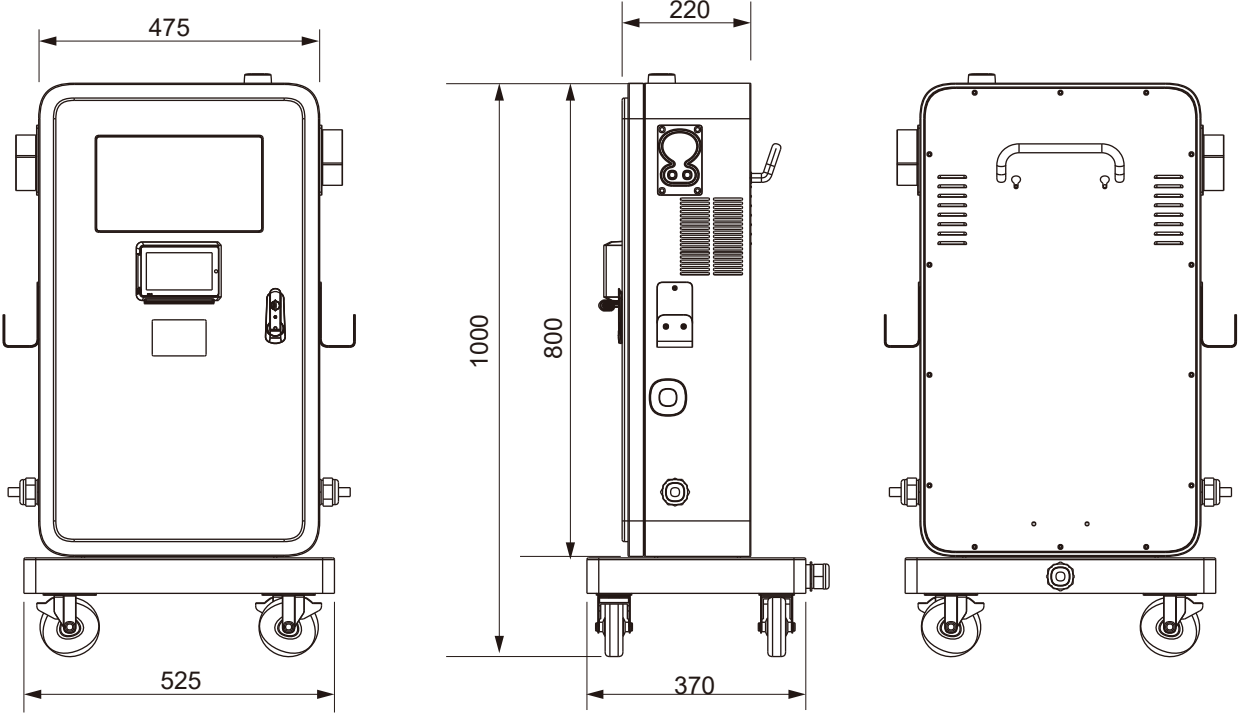
Dimensions

Unit: mm

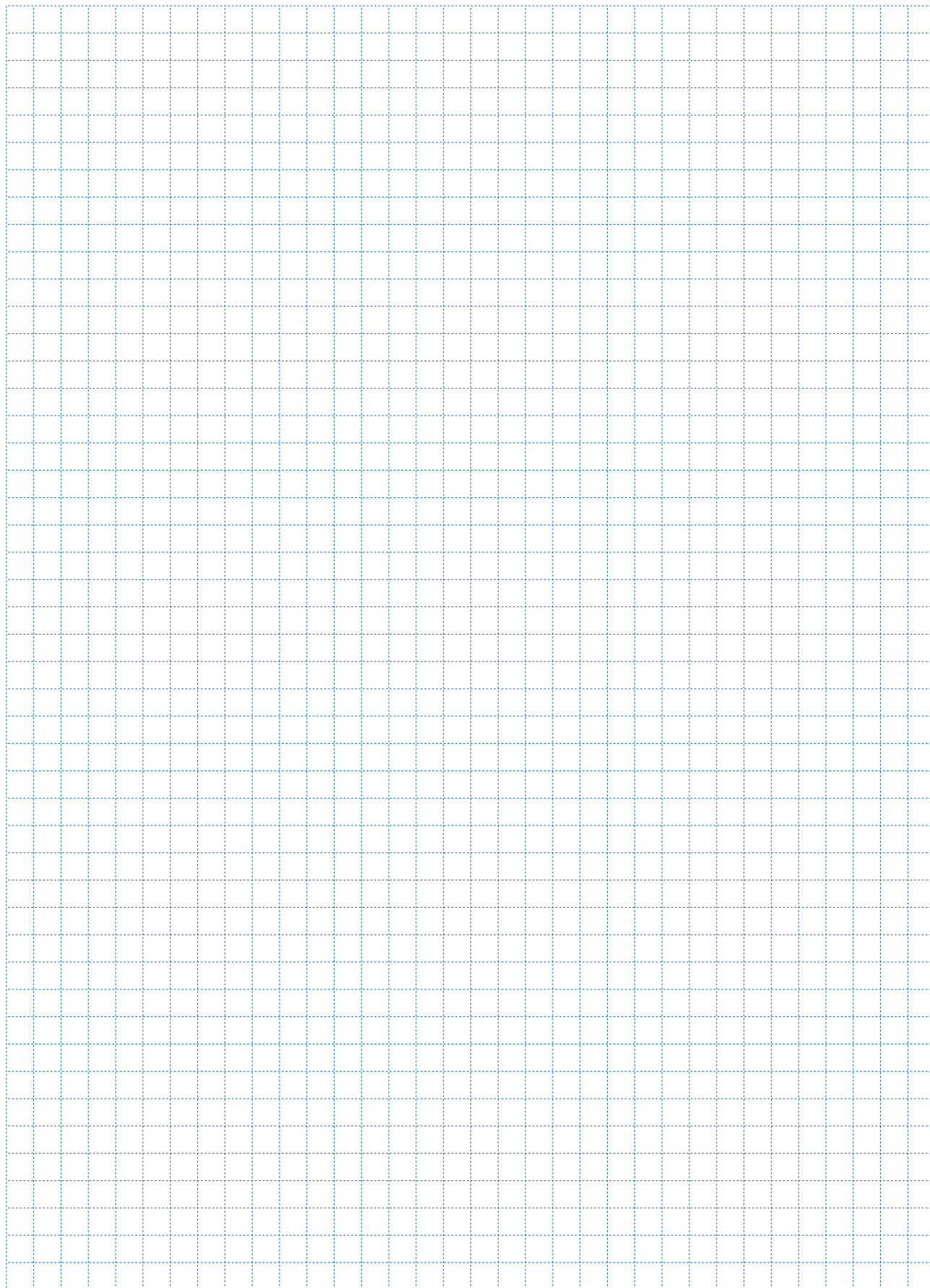
Wall-mounted



Mobile



MEMO



Learn more information, please visit our website

[www.hongfa.com](http://www.hongfa.com)

