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# HF-CD07-750A-MC1N 7KW CCS1 DC EV CHARGER



The relevant information on the products contained is for reference only.  
For details, please consult our business staff.

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HONGFA GROUP



HONGFA ELECTRIC

HONGFA GROUP

# 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



Haicang Industrial Park



Zhongjiang Industrial Park



Zhangzhou Industrial Park



Zhoushan Industrial Park



Xi'an Factory



Sunban Industrial Park

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.

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## 7kW CCS1 DC EV CHARGER

### Scope of Application

The 7kW CCS1 DC EV Charger is a high-end fast-charging charging pile that complies with the UL Standard, is compact and portable, safe and reliable, and has excellent heat dissipation. It is suitable for cars, SUV, micro and light trucks exported to North America, and is the first choice of charging pile for all kinds of de-OBCed car companies and car owners. The mobile design makes you at home or on the road, just one plug, you can inject energy for your car, make travelling more convenient.

### Product Feature

- Novel and fashionable appearance, compact size, easy to move and carry with the car.
- Widely applicable to all types of electric vehicles, whether BEV、PHEV、REEV, all can use our charger.
- 4.3 inch true colour touch screen, excellent human-machine interaction interface.
- Safe guarding measures: multiple protection features.
- Designed to meet North American requirements.
- Products obtained ETL, FCC reports and certificates.

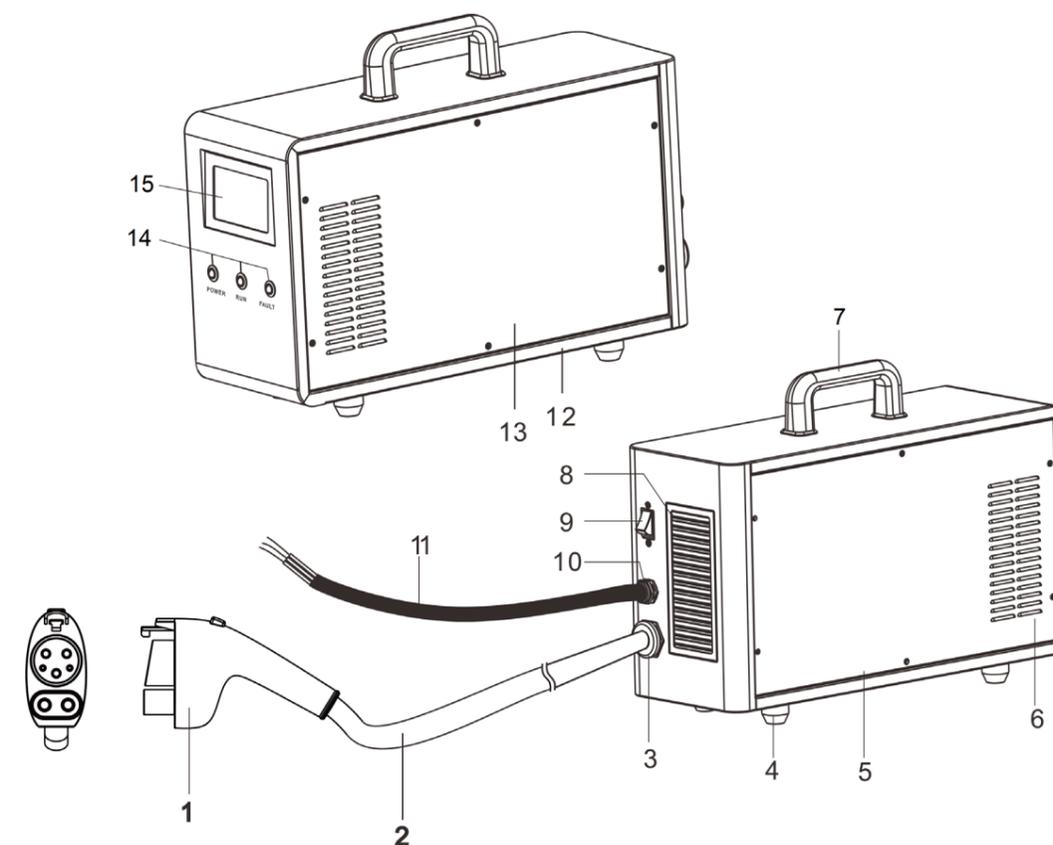
### Product Picture



### Standard

UL	UL2202:2022, UL2231-2:2020, UL50E
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### Structure



- |                   |                     |
|-------------------|---------------------|
| 1.Plug            | 9.Power Switch      |
| 2.Plug Cable      | 10.Gland            |
| 3.Gland           | 11.Input Cable      |
| 4.Foot Pad        | 12.Enclosure        |
| 5.Left Side Panel | 13.Right Side Panel |
| 6.Air Inlet       | 14.LED              |
| 7.Handle          | 15.TFT LCD          |
| 8.Air Outlet      |                     |

## Standard Operation And Installation Conditionse

- The ambient temperature is -20°C ~ +50°C, and will be derated for use above 55°C.
- Storage conditions: ambient temperature -30°C ~ +70°C.
- 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

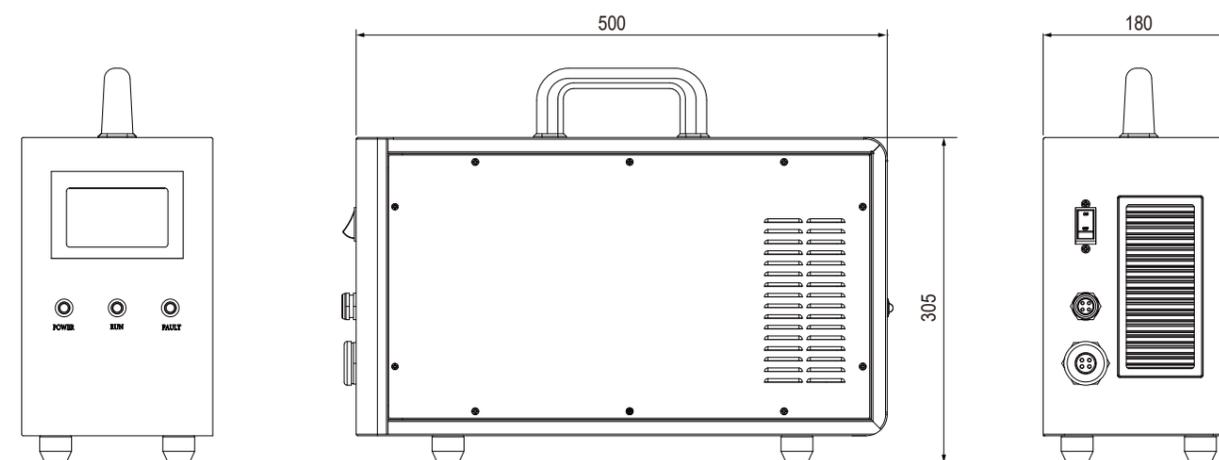
Enterprise Code: HONGFA	HF	-C	A	07	-32	J	-W	S	2	B	W	Y
Product Code: Charger												
Product Type:												
A:AC Charger      D:DC Charger												
Rated Power:												
7kW 11kW 22kW 30kW 40kW 60kW 120kW 160kW 180kW												
Rated Current & Rated Voltage:												
16A/32A/48A & 750V/1000V												
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												

## Main Technical Data

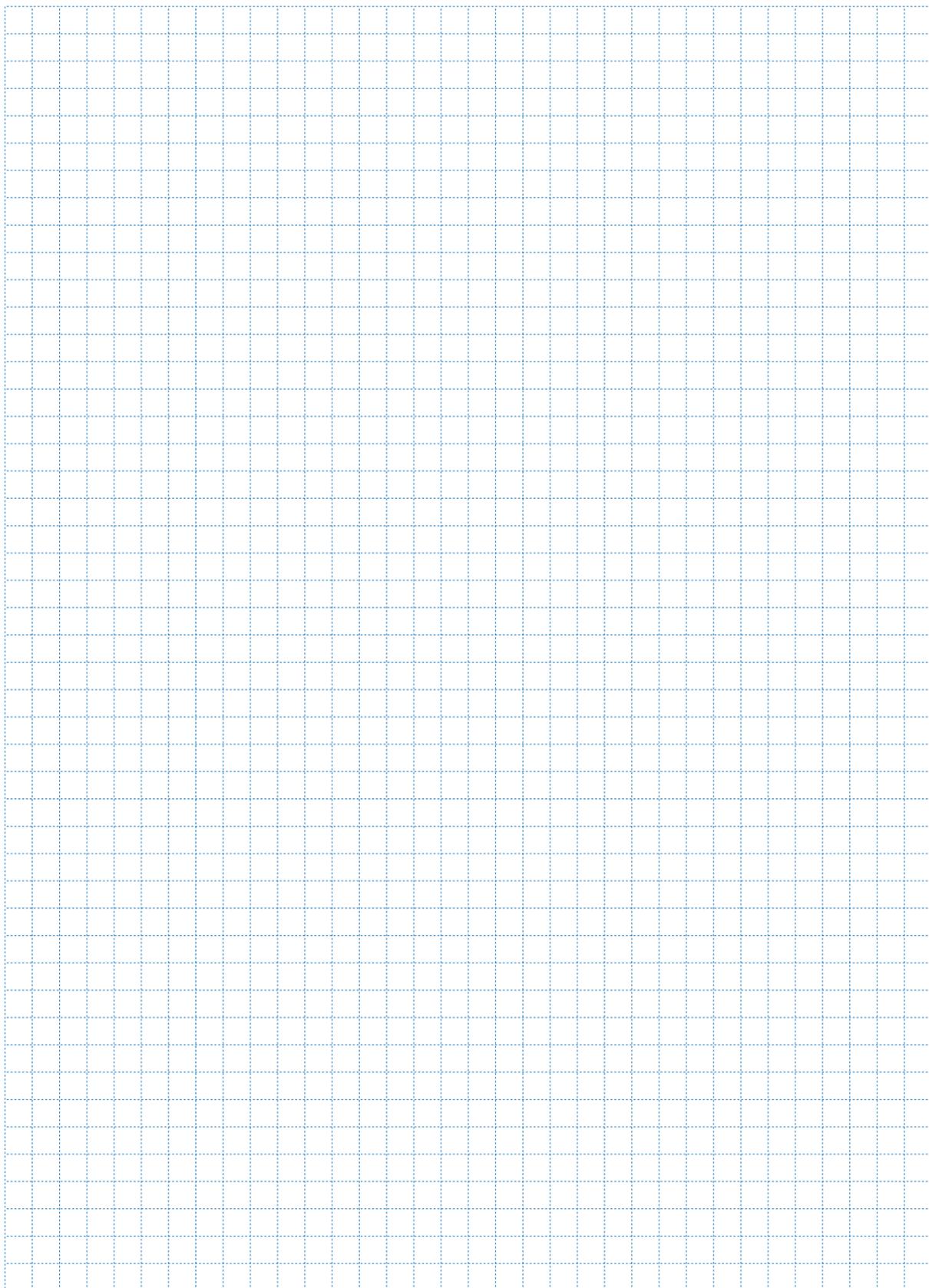
Model	HF-CD07-750A-MC1N
Type	CCS1 DC EV CHARGER
Mounting method	Mobile
Rated power	7kW
Input Voltage	AC240V+10%/-20%
Input frequency	50/60Hz
Output voltage	DC200-750V
Output Current	DC20A Max.
Input line length	5m
Plug Cable Length	3.5m
Plug Type	CCS1×1
Plug Durability	10000 cycles
Harmonic content(THD)	≤8% (Above 50% load)
User Interface	4.3 " LCD Touch Screen
Charge Mode	One-touch start/stop charging
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°C~+50°C
Humidity	5%~95%
Altitude	<2000m
IP Degree	IP54
Cooling Methods	Forced air cooling + Natural cooling
Dimension	500x180x305mm(LxDxH)
Net Weight	22kg

## Dimensions

Unit: mm



MEMO



Learn more information, please visit our website

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

