



# CHARGING PILE

SHANDONG HIPECH INTERNATIONAL TRADE CO., LTD

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**EXCELLENT DESIGN**

**ENERGY-SAVING AND EFFICIENT**

**INTELLIGENT INTERACTION**

**SAFE AND RELIABLE**





# SHANDONG HIPECH EXPERIENCED

## CUSTOMISED SERVICES

Shandong Hipech International Trade Company Limited belongs to Shandong YOUHAO Energy Technology Co., Ltd, founded in April 2018, is a technological innovation company integrating industry and trade. The company is located in Ju County Economic Development Zone, Rizhao City, Shandong Province. The company designs professional and convenient charging equipment for new energy vehicles. The charging piles it produces are efficient, safe and intelligent, providing a more convenient and reliable solution for the new energy vehicle market. The company has a professional R&D and technical team, equipped with a variety of accessory processing equipment, sheet metal production line and spray molding equipment, combined with advanced processing and assembly technology, to double guarantee the quality and appearance of the product. At the same time, the company's products are sold at home and abroad, and the company has established an experienced foreign trade business team and a responsive technical after-sales team.

Striving for perfection is the eternal pursuit of Hipech, we will always strive to provide customers with high-quality products and best service to achieve the win-win cooperation.



# PLANT

We have our own factory, processing and production to achieve strict requirements and refinement.





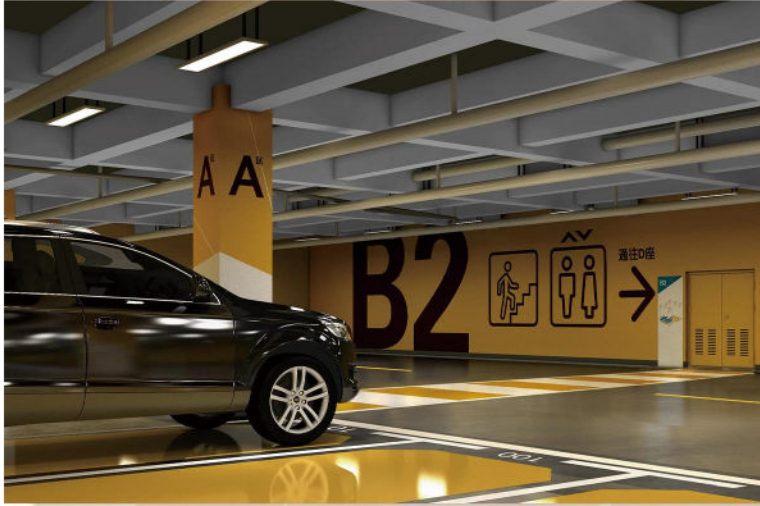
# Exhibitions and projects

Our machines have been exhibited at many trade fairs for interaction and contracting projects have been recognised by customers and received good feedback.





# Usage Scenarios



①

Home use



②

Charging stations



③

Car parks



# SPEEDY 60KW-240KW DC EV CHARGER



## Introduction

**High quality and high appearance:** The product adopts the unique design elements of the Zhenxuan series, which is simple, fashionable, and finely polished, balancing quality and appearance.

**Energy saving and efficiency:** wide output voltage range, high output efficiency, low standby power consumption, and reduced operating costs.

**Safe and reliable:** With multiple protection functions such as short circuit, overheating, and emergency stop, it provides comprehensive protection; High quality galvanized steel plate+anti rust spray dual shell protection design; IP54 protection level, well able to cope with complex outdoor climate environments; Reasonable structural layout, unique air duct design, and low failure rate.

**Intelligent interaction:** 7-inch color touch screen, easy to operate, intelligent human-machine interaction; Ethernet and 4G diverse communication methods; Multiple startup methods including QR code scanning, card swiping, POS, and VIN; Multiple charging modes such as automatic full charge and charging according to battery level.

Model	YH60DCD1、YH80DCE1、YH120DCF1、YH160DCG1、YH180DCH1、YH240DCI1
Power	380Vac±10% (L1+L2+L3+N+PE)
GUN	200VDC ~ 1000VDC
Current	60 ~ 240A
Color	White , gray
Temperature	-20 ~ 50°C/5% ~ 95%;
Protection level	≥IP54
Protection	Overvoltage, undervoltage, overcurrent, adhesion detection, insulation , lightning , emergency stop
Environment	No pollution, such as salt, acid, smoke, etc
Storage temperature	-40 ~ 80°C
Altitude	< 2000m
Cable length	5m (Optional)
Size	768mm*665mm*1800mm;
Weight	325KG;
Authentication	Third party type testing





# SMART 60KW-240KW DC EV CHARGER

## Introduction

**High quality and high appearance:** The product adopts the unique design elements of the Zhenxuan series, which is simple, fashionable, and finely polished, balancing quality and appearance.

**Energy saving and efficiency:** wide output voltage range, high output efficiency, low standby power consumption, and reduced operating costs.

**Safe and reliable:** With multiple protection functions such as short circuit, overheating, and emergency stop, it provides comprehensive protection; High quality galvanized steel plate+anti rust spray dual shell protection design; IP54 protection level, well able to cope with complex outdoor climate environments; Reasonable structural layout, unique air duct design, and low failure rate.

**Intelligent interaction:** 7-inch color touch screen, easy to operate, intelligent human-machine interaction; Ethernet and 4G diverse communication methods; Multiple startup methods including QR code scanning, card swiping, POS, and VIN; Multiple charging modes such as automatic full charge and charging according to battery level.

Model	YH60DCD1、YH80DCE1、YH120DCF1、YH160DCG1、YH180DCH1、YH240DCI1
Power	380Vac±10% (L1+L2+L3+N+PE)
GUN	200VDC ~ 1000VDC
Current	60 ~ 240A
Color	White , gray
Temperature	-20 ~ 50°C/5% ~ 95%;
Protection level	≥IP54
Protection	Overvoltage, undervoltage, overcurrent, adhesion detection, insulation , lightning , emergency stop
Environment	No pollution, such as salt, acid, smoke, etc
Storage temperature	-40 ~ 80°C
Altitude	< 2000m
Cable length	5m (Optional)
Size	768mm*665mm*1800mm;
Weight	325KG;
Authentication	Third party type testing



# SWIFT 60KW-240KW DC EV CHARGER



## Introduction

**High quality and high appearance:** The product adopts the unique design elements of the Zhenxuan series, which is simple, fashionable, and finely polished, balancing quality and appearance.

**Energy saving and efficiency:** wide output voltage range, high output efficiency, low standby power consumption, and reduced operating costs.

**Safe and reliable:** With multiple protection functions such as short circuit, overheating, and emergency stop, it provides comprehensive protection; High quality galvanized steel plate+anti rust spray dual shell protection design; IP54 protection level, well able to cope with complex outdoor climate environments; Reasonable structural layout, unique air duct design, and low failure rate.

**Intelligent interaction:** 7-inch color touch screen, easy to operate, intelligent human-machine interaction; Ethernet and 4G diverse communication methods; Multiple startup methods including QR code scanning, card swiping, POS, and VIN; Multiple charging modes such as automatic full charge and charging according to battery level.

Model	YH60DCD1、YH80DCE1、YH120DCF1、YH160DCG1、YH180DCH1、YH240DCI1
Power	380Vac±10% (L1+L2+L3+N+PE)
GUN	200VDC ~ 1000VDC
Current	60 ~ 240A
Color	White , gray
Temperature	-20 ~ 50°C/5% ~ 95%;
Protection level	≥IP54
Protection	Overvoltage, undervoltage, overcurrent, adhesion detection, insulation , lightning , emergency stop
Environment	No pollution, such as salt, acid, smoke, etc
Storage temperature	-40 ~ 80°C
Altitude	< 2000m
Cable length	5m (Optional)
Size	768mm*665mm*1800mm;
Weight	325KG;
Authentication	Third party type testing





# 360KW-480KW Split flexible charging stack



## Introduction

**Flexible charging:** Adaptive dynamic allocation of the most charging power, suitable for all charging models. The system can freely match fast charging terminals and liquid cooling terminals according to application scenarios, creating a flexible and efficient charging experience.

**Smart platform:** apply battery energy informatization and Internet technology to realize reasonable power consumption, dynamic real-time energy trading, and real-time response to power demand.

**Integrated efficiency:** an intelligent and integrated charging system with dynamic power allocation.

**Intelligent operation and maintenance:** With automatic detection of device conditions, remote fault diagnosis and alarm functions, and integration with the charging operation and maintenance platform, it greatly improves operation and maintenance response speed and enhances user charging experience.

Model	YH360DCJ1、YH480DCK1
Power	380Vac±10%
GUN	One drag six, one drag eight, one drag twelve, one super fast, many super fast
Current	360A-480A
Color	White,gray
Temperature	-20 ~ 55°C/5% ~ 95%
Protection level	≥IP54
Protection	Overvoltage, undervoltage, overcurrent, adhesion detection, insulation , lightning , emergency stop
Environment	No pollution, such as salt, acid, smoke, etc
Storage temperature	-40 ~ 80°C
Altitude	< 2000m
Cable length	5m (optional)
Body size	1900*1420*945mm
Split size	1500*672*270mm





# THUNDER DC EV CHARGER STATION



## Introduction

- Supports 60KW-320KW, modular design, easy to install and expand capacity
- Supports CCS2/GBT DC standard, TYPE2/GBT AC standards, integrated 1-3 gun design, more flexible charging!
- Focus on foreign high-end market design, unique sheet metal production process, more stable structure!
- IP65 protection level, making your equipment safer!
- Industrial-grade electrical parts, multiple protections, more assured!
- Basically equipped with the gun wire reel, more convenient to use, away from dirt and mess!

Model	YH60DCD1、YH80DCE1、YH120DCF1、YH160DCG1、YH180DCH1、YH240DCI1
Power	380Vac±10% (L1+L2+L3+N+PE)
GUN	200VDC ~ 1000VDC
Current	60 ~ 240A
Color	White , gray
Temperature	-20 ~ 50°C/5% ~ 95%;
Protection level	≥IP54
Protection	Overvoltage, undervoltage, overcurrent, adhesion detection, insulation , lightning , emergency stop
Environment	No pollution, such as salt, acid, smoke, etc
Storage temperature	-40 ~ 80°C
Altitude	< 2000m
Cable length	5m (Optional)
Size	768mm*665mm*1800mm;
Weight	325KG;
Authentication	Third party type testing



1. Product model: HP3.5-A&B
2. Design standard: EN6185, IEC62196
3. Input voltage: AC100~240V;
4. Charging interface: Type2 interface
5. Rated charging current: 32A;
6. Optional color: Star Gray;
7. Working temperature/humidity: -20~55°C/5%~95%;
8. Protection level:  $\geq$ IP65;
9. Safety protection: over-voltage protection, under-voltage protection, over-current protection, adhesion detection, leakage protection, lightning protection;
10. Storage environment: no pollution, such as salt, acid, smoke, etc.;
11. Storage temperature: -40~80°C;
12. Working altitude: <2000 meters;
13. Cable length: 5 meters (optional)
14. Machine size: 239\*85\*43mm;

## Introduction

Product Introduction

Easy to plug and charging

Bluetooth connection

APP control

Power switching

Intelligent display

Anti-theft design



## 3.5KW Portable AC EV Charger



- 1、 Product Model: HA1-007A&B&L&G
- 2、 Design standard: GB/T 18487. 1-2015, GB/T 20234-2015;
- 3、 Input voltage: 220Vac $\pm$ 20%;
- 4、 Charging gun: single
- 5、 Rated charging current: 32A;
- 6、 Optional color: star gray;
- 7、 Display interface: 4.3-inch LCD capacitive screen; (optional)
- 8、 Operating temperature/humidity: -20~55°C/5%~95%;
- 9、 Protection level:  $\geq$ IP54;
- 10、 Safety protection: over-voltage protection, under-voltage protection, over-current protection, adhesion protection, insulation protection, lightning protection, emergency stop protection;
- 11、 Storage environment: no pollution, such as salt, acid, smoke and dust;
- 12、 Storage temperature: -40~80°C.
- 13、 Working altitude: <2000 meters
- 14、 Gun line length: 3.5 meters / 5 meters (optional)
- 15、 Certification: third-party type test

## Introduction

Varied optional color: simple and fashionable appearance with best quality, the panel can match with different colors

Multi-protection: with lightning protection, over-load, short circuit, leakage protection, waterproof and dustproof and other safety protection functions.

Easy to operation: support cell phone APP for charging, settlement and other operations, support WeChat small program, Alipay and other mobile payment methods.

Diversified interaction: user interaction can be controlled and managed through 4.3-inch touch screen and cell phone APP, which can realize human-computer interaction.



## 7KW AC EV Charger Operation Model



- 1、 Product model: HA2-014B2
- 2、 Design standard: GB/T 18487. 1-2015、 GB/T 20234-2015;
- 3、 Input voltage: 220Vac $\pm$ 20%;
- 4、 Gun: Double;
- 5、 Rated charging current: 64A;
- 6、 Available colors: Star Grey;
- 7、 Display interface: 4.3 inch LCD capacitive screen;
- 8、 Operating temperature/Humidity: -20~55°C/5%~95%;
- 9、 Level of protection:  $\geq$ IP54;
- 10、 Safety protection: over-voltage protection, under-voltage protection, over-current protection, adhesion protection, insulation protection, lightning protection, emergency stop protection;
- 11、 Storage environment: no pollution, such as salt, acid, soot, etc;
- 12、 Storage temperature: -40 ~ 80°C
- 13、 Working altitude: <2000m
- 14、 Charging Cable Length: 5m (Customizable)
- 15、 Certification: Third party type test

## Introduction

Varied optional color: simple and fashionable appearance with best quality, the panel can match with different colors

Multi-protection: with lightning protection, over-load, short circuit, leakage protection, waterproof and dustproof and other safety protection functions.

Easy to operation: support cell phone APP for charging, settlement and other operations, support WeChat small program, Alipay and other mobile payment methods.

Diversified interaction: user interaction can be controlled and managed through 4.3-inch touch screen and cell phone APP, which can realize human-computer interaction.



## 14KW AC EV Charger Operation Model



- 1、 Model: YHDC40KW
- 2、 Design standard: GB/T 18487 GB/T20234 GB/T34657 NB/T33008;
- 3、 Input voltage: 400Vac $\pm$ 10%;
- 4、 Charging gun: single
- 5、 Rated charging current: 40A;
- 6、 Optional colour: star grey;
- 7、 Operating temperature / humidity: -20 ~ 55 °C / 5% ~ 95%;
- 8、 Protection level:  $\geq$ IP54;
- 9、 safety protection: over-voltage protection, under-voltage protection, over-current protection, adhesion detection, leakage protection, lightning protection, emergency stop protection;
- 10、 Storage environment: no pollution, such as salt, acid, smoke and dust;
- 11、 storage temperature: -40 ~ 80 °C; Working altitude: <2000 metres;
- 12、 Length of gun line: 5 metres (optional);
- 13、 Product size: 1650\*586\*420mm;
- 14、 Product weight: 125KG (including column);
- 15、 Certification:Third-party type test.

## Introduction

The appearance of the product adopts the unique modelling elements of the Select series, simple and fashionable, polished, quality and value.

Multi-protection: with lightning protection, over-load, short circuit, leakage protection, waterproof and dustproof and other safety protection functions.

Easy to operation: support cell phone APP for charging, settlement and other operations, support WeChat small program, Alipay and other mobile payment methods.

Diversified interaction: user interaction can be controlled and managed through 4.3-inch touch screen and cell phone APP, which can realize human-computer interaction.



## 40KW small DC EV charger (column type with single gun)



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