

# CHARGING PILE SYSTEM SOLUTIONS



# INTRODUCTION



KG Technologies, Inc., founded in 1999, is dedicated to innovative development and high-quality / high-volume manufacturing switching solutions for the Global Energy Market. We are a preferred supplier due to our ability to provide value-add, cost effective solutions to our customers with the highest quality global standards, and flexible delivery. For our customers, this translates into a significant savings in cost.

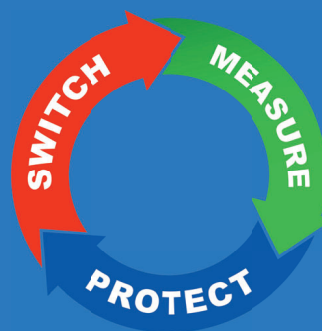
KG provides product to Energy Storage, Electric Vehicle (EV), EV Charging and the Metering Markets.

In 2015, Hongfa Group, the largest relay manufacturer in the world, acquired KG Technologies broadening our KG product line with a variety of relays including power, latching and industrial as well as Current Transformers, Hall-Effect Transducers, Fluxgate Sensors, HVDC Contactors, and Low Voltage Products.

The combined companies have become the largest producer of latching relays in the world.

Hongfa (Shanghai Stock Exchange: 600885) is one of the leading relay manufacturers in the world. Founded in 1984, Hongfa is currently a top relay R&D and production center globally. Their products include relays, high and low voltage devices, precision parts, and automatic production. Relays are their main business; producing more than 160 different series and more than 40,000 part numbers, with an annual production capacity of 2.7 billion pieces.

Hongfa products are widely used in a range of applications, including industrial, energy, transportation, telecommunication, home appliance, medical.





HONGFA TECHNOLOGY  
FOR A BETTER LIFE

HONGFA  
GROUP

## COMPANY PROFILE

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 Electrical Safety & Controls Co., Ltd. is a wholly-owned subsidiary of Hongfa, which specializes in R & D, design and manufacture medium and low voltage products. Its distribution apparatus, terminal apparatus, control apparatus and other products are widely used in real estate, electric power, new energy, industry, HVAC, transportation, information and other fields.

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, Carrier, Trane, Johnson Controls, Danfoss, State Grid, China Southern Power Grid, CRRC, China Mobile, China Unicom, etc.

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, electromagnetic simulation and testing system.

Hongfa always adheres to the policy of "market-oriented and quality oriented", and has a complete set of 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 happiness brought by science and technology.



Donglin Industrial Park



Haicang Industrial Park



Zhongjiang Industrial Park



Zhangzhou Industrial Park



Zhoushan Industrial Park



Xfan Factory

FOCUSING  
TO ESTABLISH HONGFA INDUSTRIAL  
ECOSYSTEM BY INDUSTRIAL INNOVATION

# AC Charging Pile Solution

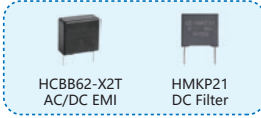
## Charger Module



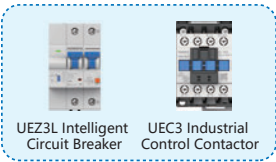
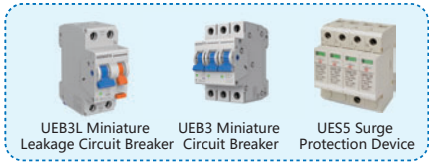
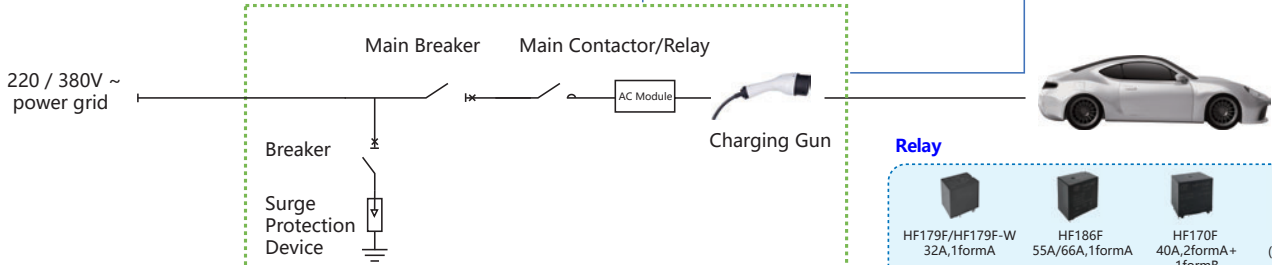
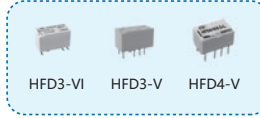
## Miniature Current Transformer



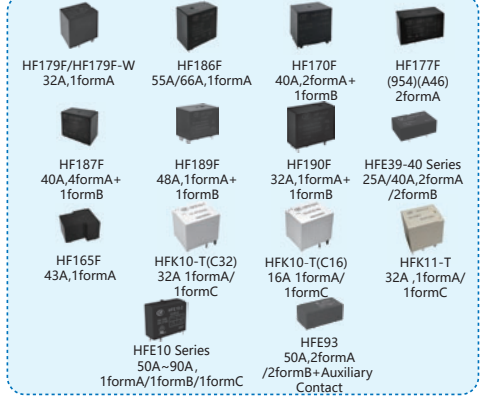
## Capacitor



## Signal Relay

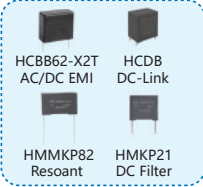


## Relay



# DC Charging Pile Solution

## Capacitor



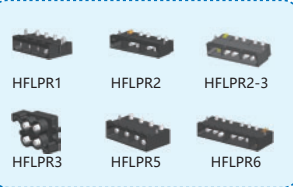
## Miniature Current Transformer



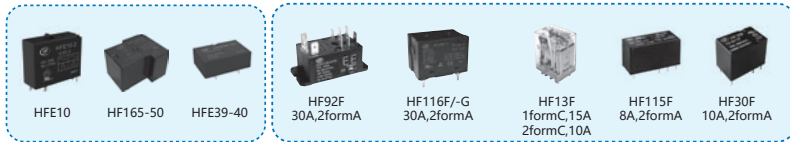
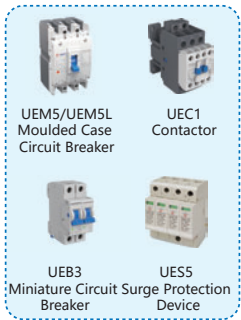
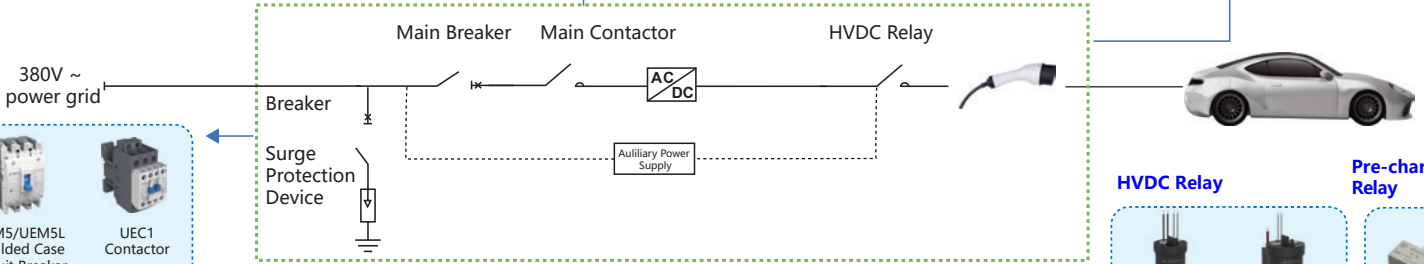
## Sensor



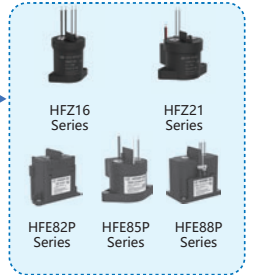
## Connector



## Signal Relay



## HVDC Relay



## Pre-charge Relay



# PRODUCTS

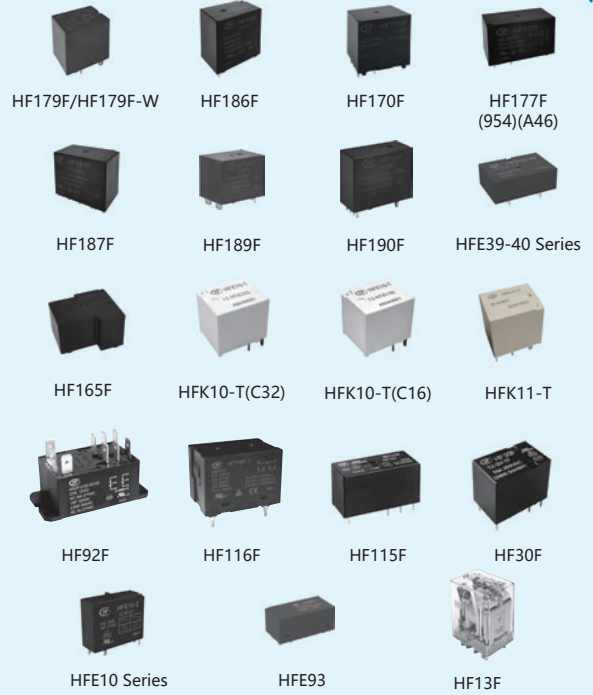
## Sensor



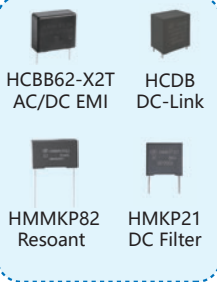
## Connector



## Relay



## Capacitor



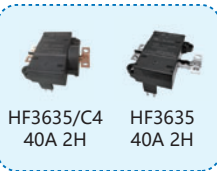
## Miniature Current Transformer



## Signal Relay



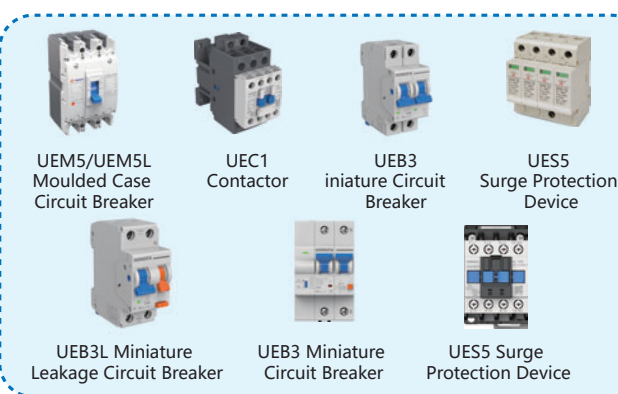
## Charger Module



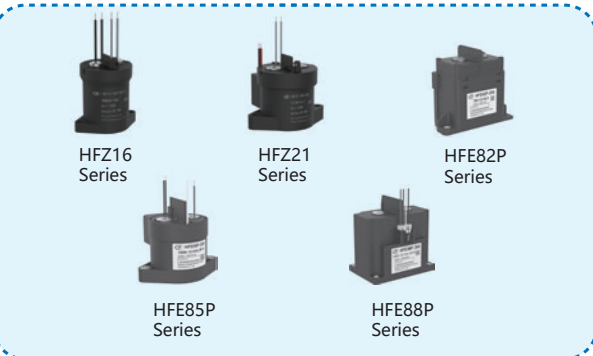
## Pre-charge Relay



## Low-voltage Apparatus



## HVDC Relay







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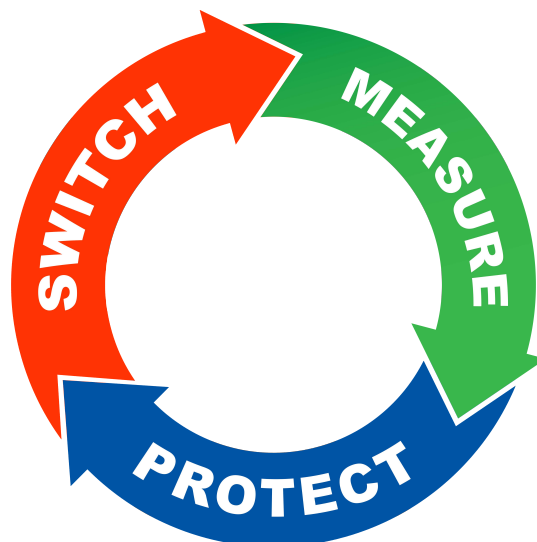
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