

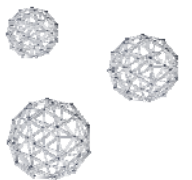
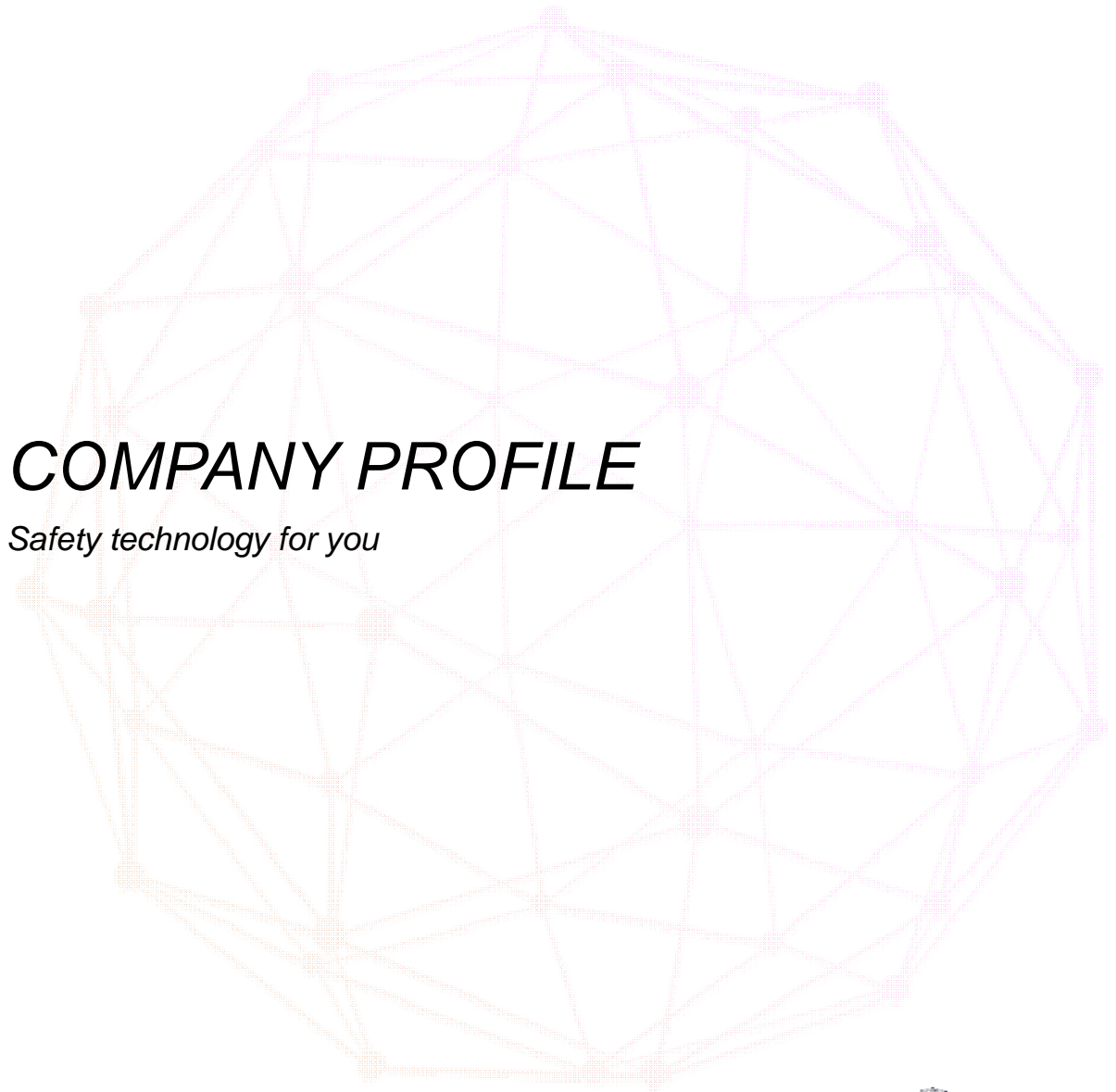
# CATALOG

- Company profile
- Enterprise products
- Product advantages
- Partner
- After-sales service



# ***COMPANY PROFILE***

*Safety technology for you*





## COMPANY PROFILE

**Shenzhen QH Technology Co., Ltd.**, is a new energy battery system solutions provider, the main business is research and development, production and sales of RV batteries, industrial vehicle batteries, storage batteries, electric vehicle batteries, UPS mobile power, the company is committed to Customers provide quality battery system integration solutions.

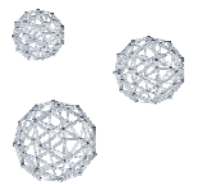
The company's core management team from top domestic and foreign enterprises and research institutes, at least 10 years of research and development, production experience. The company has built four systems integration pipeline assembly line. The company has the leading domestic battery standardization design, battery system quick change, battery operation control, battery system thermal management, smart battery equalizer and other industry -leading technology

The lithium battery produced by the company has high safety performance, long life and efficiency. The products are widely used in electric vehicles, charging stations, sightseeing and tourist cars, yachts, wind energy and solar energy storage, traffic lights, scenery complementary street lamps, UPS power supply, household electricity storage, coal mine, disaster rescue and emergency, weather radar, public security command car, electric power, smart grid, communication base, hospital, finance, media, electricity. The letter and other backup power systems are also applied to military industry. Shipping, aerospace and other requirements require high safety, high stability and long cycle energy storage. The products have been covered by the whole country and exported to Korea, Australia, Russia and other countries and regions.



# *ENTERPRISE PRODUCTS*

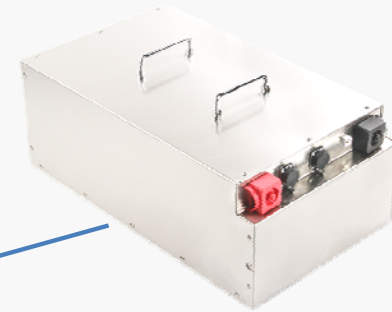
*Safety technology for you*



# battery structure



# PRODUCT PICTURE



Independent research and development



## 12V lithium iron phosphate series

Serial number	Name	Model	Monomer electric core	Number of batteries
1	Power battery system LiFePO4	12V270Ah	90Ah	12
2	Power battery system LiFePO4	12V360Ah	90Ah	16
3	Power battery system LiFePO4	12V450Ah	90Ah	20
4	Power battery system LiFePO4	12V540Ah	90Ah	24
5	Power battery system LiFePO4	12V630Ah	90Ah	28
6	Power battery system LiFePO4	12V720Ah	90Ah	32
7	Power battery system LiFePO4	12V810Ah	90Ah	36
8	Larger capacity	Can support customization		

## 24V/48V lithium iron phosphate series

Serial number	Name	Model	Monomer electric core	Number of batteries
1	Power battery system LiFePO4	24V180Ah	90Ah	32
2	Power battery system LiFePO4	24V270Ah	90Ah	32
3	Power battery system LiFePO4	24V360Ah	90Ah	16
4	Power battery system LiFePO4	48V90Ah	90Ah	32
5	Power battery system LiFePO4	48V180Ah	90Ah	28
6	More specifications	Can support customization		



## 12V pure three yuan lithium series

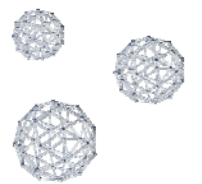
Serial number	Name	Model	Monomer electric core	Number of batteries
1	Pure ternary lithium battery pack	12V40Ah	2000mAh	60
2	Pure ternary lithium battery pack	12V50Ah	2000mAh	75
3	Pure ternary lithium battery pack	12V60Ah	2000mAh	90
4	Pure ternary lithium battery pack	12V80Ah	2000mAh	120
5	Pure ternary lithium battery pack	12V100Ah	2000mAh	150
6	Pure ternary lithium battery pack	12V120Ah	2000mAh	180
7	More specifications	Can support customization		

\* Supports lithium iron phosphate materials



# *PRODUCT ADVANTAGES*

*Safety technology for you*



## PRODUCT ADVANTAGES

### Phosphorus-iron-lithium battery VS lead-acid battery

Performance project	Lithium iron phosphate battery	Lead-acid batteries
Charge and discharge times	More than 4000 times	300 ~ 400次
Battery warranty time	5 years	1 years
Battery life	8 ~ 10 years	2 ~ 3 years
Safety performance	No fire, no explosion, no corrosion, no pollution	Corrosion and pollution
Endurance time	More than 10 hours	About 7 hours
High and low temperature resistance	-20 ~ 50°C	-5 ~ 30°C
Anti-fade performance	Attenuation of no more than 20% in five years	Attenuation of 40% within one year
Electricity conversion rate	Energy conversion rate over 95% in five years	The highest 70%
Maintenance-free performance	No maintenance within five years	At least 2 times a month
Dynamic performance	Voltage output is stable, low weight, strong power	Voltage instability; low voltage, power weakening
Self-discharge rate	Not exceeding 3%	About 15% (double after one year)
Memory effect	Charge and discharge at any time	Have memory (influence battery life)

## LITHIUM IRON PHOSPHATE BATTERY ADVANTAGES

---

### LARGE CAPACITY

Lithium battery capacity is larger than lead-acid battery in the same volume

### STRONG DURABILITY

Lithium iron phosphate battery has strong durability, slow consumption, over 4000 times of charging and discharging, and no memory, and the general life can reach 5 years or more.

### HIGH DISCHARGE RATE

Lithium iron phosphate battery can discharge large current, suitable for high-power mechanical equipment such as electric vehicles, construction vehicles, etc.



### NO MEMORY EFFECT

No matter what the state of the lithium iron phosphate battery is, it can be used with charge.

### ENVIRONMENTAL PROTECTION

Lithium materials are free from any toxic and harmful substances. They are considered by the world as green batteries. The batteries have no pollution in production and use and have become a hot topic of research.

### HIGH SAFETY

Lithium iron phosphate has undergone rigorous safety testing and a complete set of power system management. Even in the worst case, it will not explode and exhibit higher safety performance.

## LITHIUM IRON PHOSPHATE BATTERY ADVANTAGES

---



**5C**

### LARGE RATE CHARGE AND DISCHARGE

The battery can be combined according to different requirements such as voltage, current, capacity, and magnification; it can carry out continuous 2C rate discharge and 1C rate charge, and can perform maximum 5C rate discharge and maximum 2C rate charge;



**98%**

### HIGH EFFICIENCY

More than 98% charge efficiency; 100% DOD depth discharge possible



**-20°C**

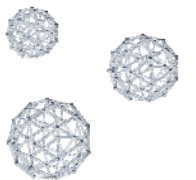
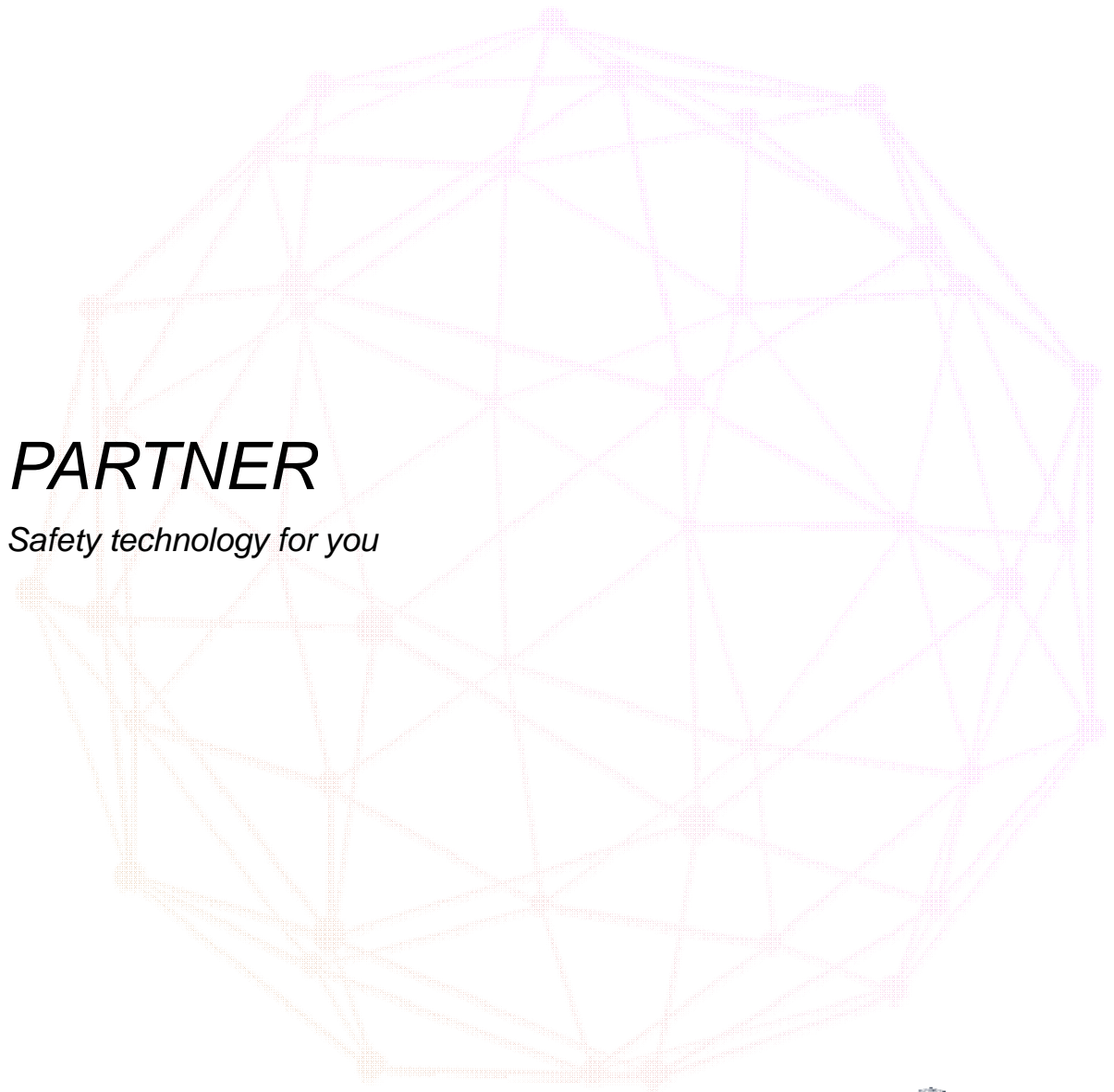
### HIGH AND LOW TEMPERATURE WORK

In the high and low temperature working environment between -20°C and 50°C, the battery has good performance, and it is not necessary to manually configure different electrolyte concentrations at different temperatures. The application range is far greater than that of lead-acid batteries.



## ***PARTNER***

*Safety technology for you*



NATIONAL STRATEGIC PARTNER

---



THE FUTURE OF POSSIBLE

大疆



盛唐



亚特房车



宾仕盾



Cleanic Cleansing Supplies Ltd.  
佛山健力清洁用品有限公司



春田房车  
Spring RV



速腾



SHUNLV  
顺旅



江铃



新星房车



天坛房车

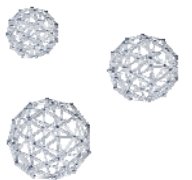
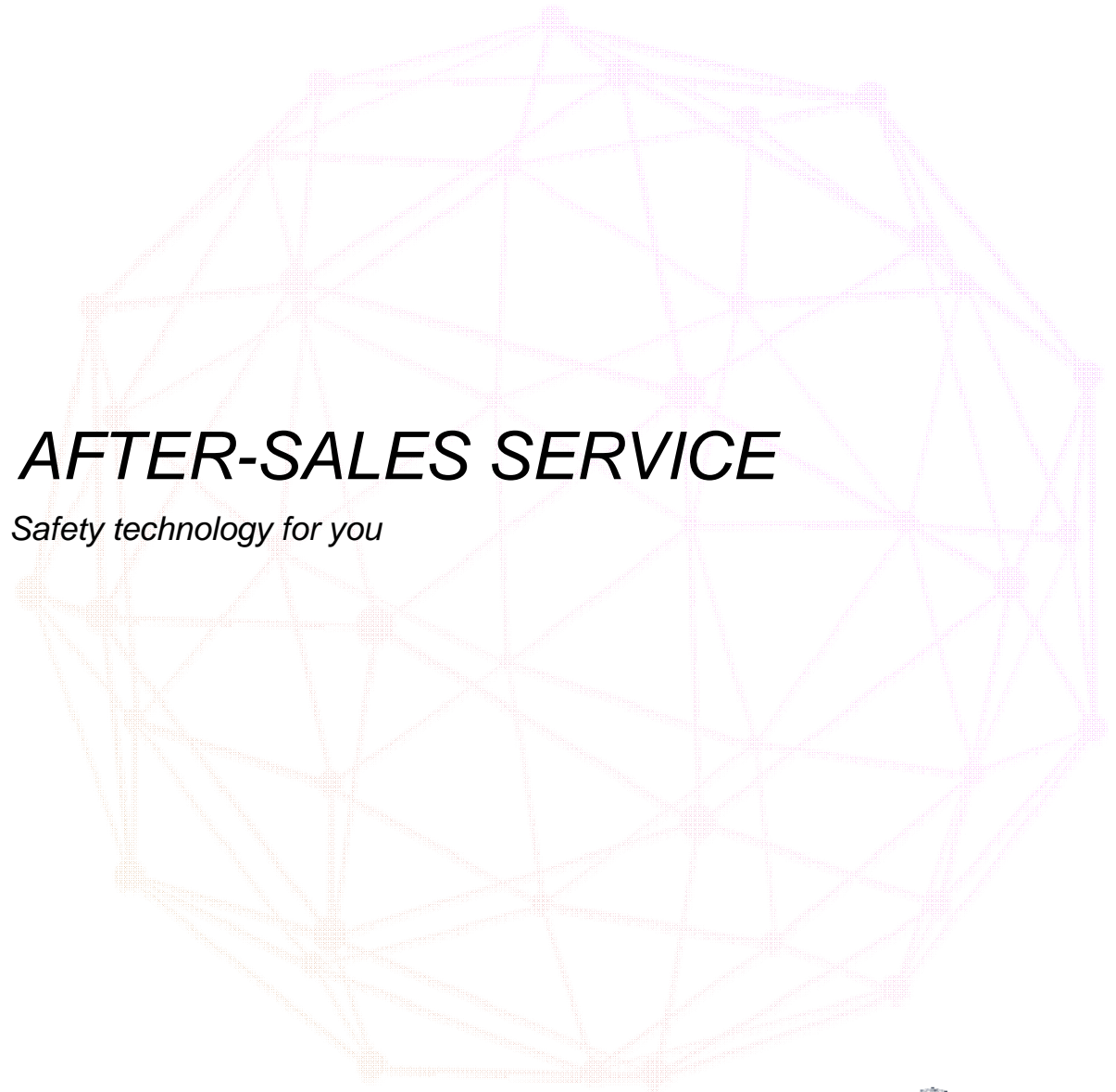


— 旌航汽车 —  
Jinghang Auto



# *AFTER-SALES SERVICE*

*Safety technology for you*





## AFTER-SALES SERVICE

---

### Service details

Serial number	Service type	Detailed	Cost
1	Abnormality of quality	Remote guidance to solve the problem, but also can express back to the company for maintenance	FREE
2	Battery warranty	2 years	FREE
3	Part guarantee	2 years, free replacement within 2 years, replacement after 2 years.	FREE
4	Charger warranty	1 year, 1 year free replacement, 1 year paid repair	FREE
5	Free maintenance	Free lifetime maintenance	FREE

*PLEASE CONTACT US*

---

PLEASE  
CONTACT US



Ben Cai  
Overseas Manager  
Shenzhen QH Technology Co.,Ltd (HongKong QH Technology Co.,Ltd )  
Mob:+86 13430320884  
Whatsapp: +86 13430320884  
Add : Building C, No.28, Aviation Road, Xixiang Street, Baoan District,Shenzhen,  
China

An aerial photograph of a city at sunset, with a large white diagonal overlay on the left side. The sun is low on the horizon, casting a warm glow over the city and creating a lens flare effect. The city features a river, numerous high-rise buildings, and a bridge. The sky is filled with dramatic, colorful clouds.

**THANK YOU**