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Shenzhen Honghaosheng Electronics Co., Ltd.

18+ Years Custom Lithium Battery Manufacturer









Golf Cart Batteries

LiFePO4 Batteries

PowerWall Server Rack Batteries

Stackable Batteries



When HHS first started in 2004, there were only a few working together as one team to best serve our customers. Over the years we have attempted to retain this entrepreneurial spirit by providing a consistent local quality of service through multiple branches and small local teams.

Our team, now in the neighbourhood of 650, operating out of 5 branches and 4 companies remains committed to this original endeavour!

Due to COVID, this past year has been very difficult. I am very proud and very grateful for the way every member of our team stepped up under dire circumstances to continue to fulfill our customer service commitment.

- Jason Wu, CEO

HHS is Your Leading Custom Battery Pack Manufacturer For Over 18 Years.

- Over 18+ Years Experience in custom lithium battery
- 20+ Peoples in R&D Team, Strict Quality Control System to Ensure The Top Quality Of Your Battery Pack
- HHS has 103 patents, including 11 patents for invention, 42 for utility model, and 50 for appearance.
- 3000+ Successful Cases, We can produce customized batteries of all models.
- We provide 1 year warranty for Li-po Battery & Li-ion Battery, 3-5 years warranty for Lifepo4 Battery.
- We are valified supplier by TUV Rheinland
- Our focus on design and development of High Voltage, Large Capacity and Long cyclelife LiFePO4 battery, LTO Battery and storage system, Our battery can be used in: Vehicles, golf carts, marine, Solar energy system, RVs, Forklifts, UPS, AGV, ESS, telecommunication base stations etc.
- Customize Battery for Special Purpose to Meet Your Unique Demand.
- Get your lithium battery with better price and better design
 - www.sz-battery.com
 - www.golf-energy.com
 - www.hhs-energy.com













Why choose HHS?



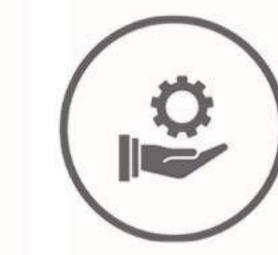




A NAME YOU CAN TRUST

HHS Energy is a Chinese high-tech enterprise which dedicated to the R&D, manufacture and sales of rechargeable lithium ion battery packs. HHS Energy was founded in 2004, with its factory in Guangdong, China.

Since its establishment, HHS Energy is committed to serve global users, polymer battery, energy storage battery pack, power battery pack, backup battery pack and special usage battery. During 18+ years development, HHS Energy has become a world's leading supplier of lithium ion battery pack. The company has passed ISO9001, ISO14001 certification.



TOTAL SOLUTIONS PROVIDER

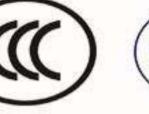
Our R&D team has over 15 years of experience in developing smart BMS and BMS hardware. Our engineering department offers a 3D drawing within 24 hours after confirming your basic specifications and requirements. The whole battery pack 3D design includes the combination of cells, discharge & charger connectors, housing, and much more.



COMMITMENT TO QUALITY

HHS Energy has 103 patents, including 11 patents for invention, 42 for utility model, and 50 for appearance. Enterprise certification: ISO9001, ISO14001 certification. Product certification: ROHS, REACH, CB, UL, FCC, CE, CQC, UN38.3, CCC, BSMI, PSE, KC.









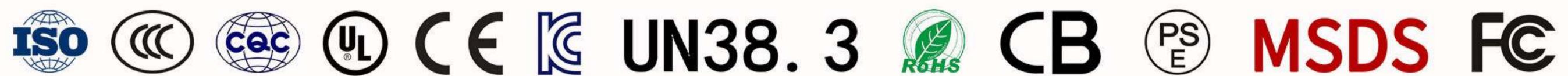




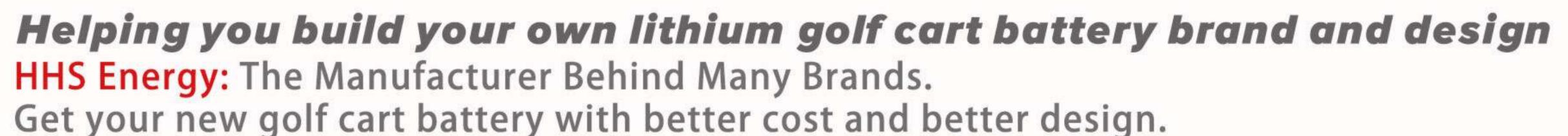




















Patents & Certificates Almost all products are MSDS, UN38.3,





Established SMT department: BMS R&D, design and production

We have formed a team of more than 20 people, focusing on the R&D and production of battery BMS. BMS is more reliable

Automatic spot welder

Fully automatic spot welder: more

standardized battery packs

The consistency and standardization of battery

pack production directly determines the reliabili-

ty and quality consistency of battery packs



Establishment of battery testing laboratory: 20+ Safety Tests

Free fall, thermal shock, short circuit, heavy impact, extrusion, puncture, burning, salt spray test, high and low temperature test, vibration test, cycle test, etc.



Over 10 People's in R&D Team

A team of structural engineers, electrical engineers, and circuit engineers covering technologies such as external battery structures, circuits, and protection board development.



Automotive Grade Battery Production Processes

Provide customers with first-class customized battery packs by controlling every detail in the

Laser spot welding line

production process



Better and more complete aging test equipment

We conduct full testing of your battery pack before shipment. And we have set up a traceability system where the data from every test session of the battery is traced back.

ABOUT HHS ENERGY: 49 HHS ENERGY



Since its foundation in 2004, HHS has been dedicated to provide the best Lithium battery pack for worldwide users.

18+ Years

Custom Battery Pack Manufacturer

3000+

Supply products for more than 3000 enterprises around more than 70 countries.

3 Factories

One battery cell factory Two lithium battery pack manufacturing plants

Patents Certificates

150+

ISO-9001 ISO14001

5 MWH

Daily production capacity 5 MWH

Contact HHS to Start Your Custom Battery Project

HHS battery will always be here to support your custom battery project.





As one leading manufacturer of lithium batteries for over 18 years, our R&D team has designed lithium golf cart batteries like 36V lithium golf cart battery,48V lithium golf battery, and 72V lithium golf battery as your request. Each Lithium Golf Cart Battery produced in our manufacturing facility is produced following international standards ISO9001:2015 & ISO14001.Almost all products are MSDS, UN38.3, IEC62133, CE, UL, KC,etc certificated.



Integrated design shell, more sturdy and reliable. Durable robust internal battery module. Newly designed modular battery pack for longer service life.

Cells and BMS

Grade A Automatic Cells, Ultra Safe with Smart BMS. Support high discharge current 150A/200A/250A/300A. BT monitoring/GPS Display/Heating optional.

Welding & Assembly

The latest upgraded laser spot welding equipment ensures more consistent welding points. Ensuring good performance of the battery pack.

Aging test

Lithium Golf Cart batteries require special vibration and drop tests to analogy the lithium golf cart batteries working environment.



	36v golf cart battery	48v golf cart battery	72v golf cart battery
Discharge rate	2C	2C	2C
Charging rate	1C	1C	1C
Waterproof	0	0	0
Smart BMS	⊘	0	0
Cells	LFP	LFP	LFP
Communication	*	*	*
Cycle life	>3500	>3500	>3500
Buzzer alarm	Optional	Optional	Optional
Pressure relief valve	0	0	0
Warranty	5 years	5 years	5 years

CE, MSDS,

UN38.3

Certifications

CE, MSDS,

UN38.3

CE, MSDS,

UN38.3

Product parameters









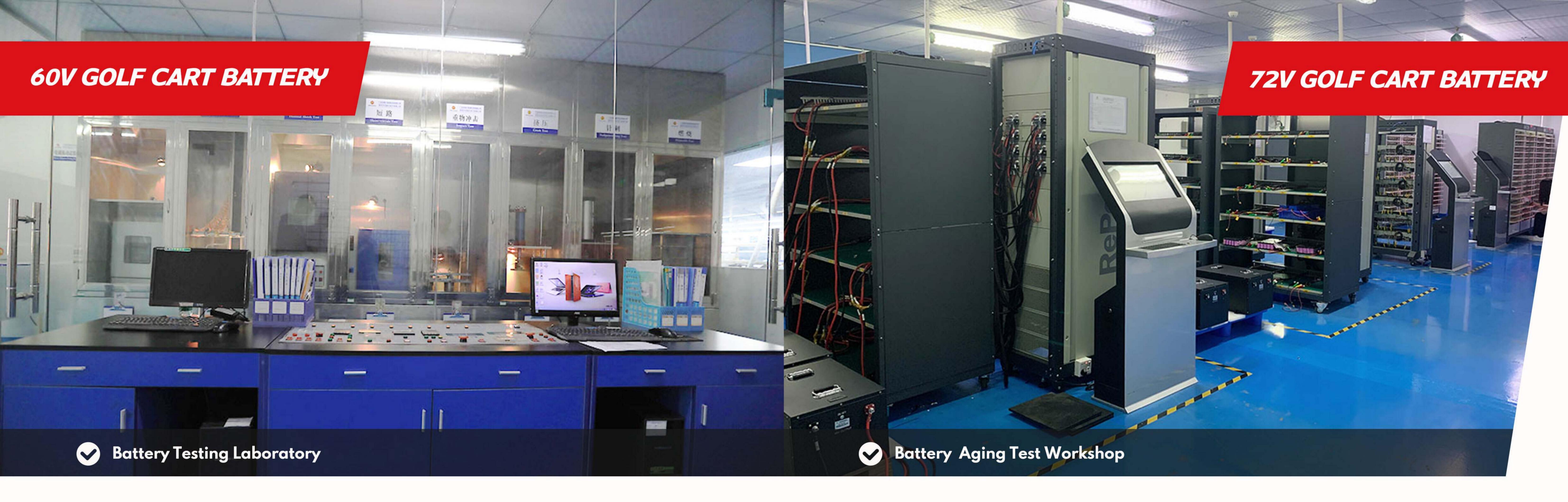
Model	HHS3872	HHS38105	HHS38160	Custom
Capacity	72Ah LFP	105Ah LFP	160Ah LFP	LFP/SIB/LTO
Voltage	38.4V	38.4V	38.4V	Unlimited
Cycle life	>3500	>3500	>3500	3500-50000
Dimension	400*300*178mm	381*332*238mm	420*388*239mm	Unlimited
Weight	28Kg	33Kg	43Kg	Unlimited
Working Current	150A	250A	250A	300A
Peak Current	300A	600A	600A	700A
Warranty	5 years	5 years	5 years	5-10 years





Model	HHS5172	HHS51105	HHS51160	Custom
Capacity	72Ah LFP	105Ah LFP	160Ah LFP	LFP/SIB/LTO
Voltage	51.2V	51.2V	51.2V	Unlimited
Cycle life	>3500	>3500	>3500	3500-50000
Dimension	450*331*178mm	430*332*270mm	780*300*230mm	Unlimited
Weight	30Kg	44Kg	60Kg	Unlimited
Working Current	150A	250A	250A	300A
Peak Current	300A	600A	600A	700A
Warranty	5 years	5 years	5 years	5-10 years



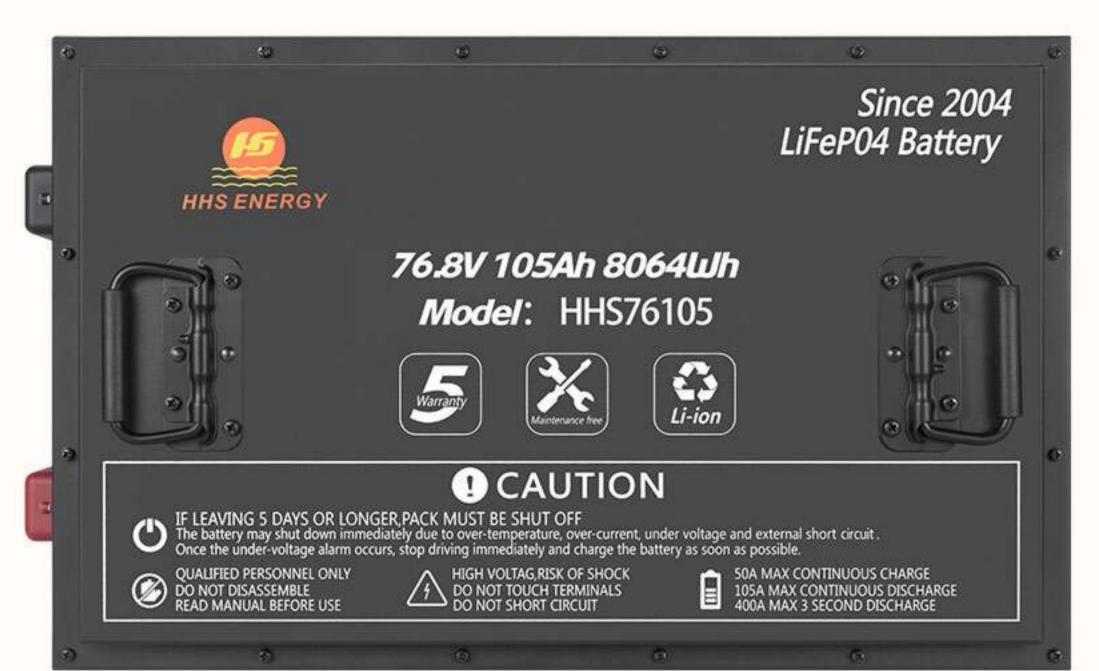






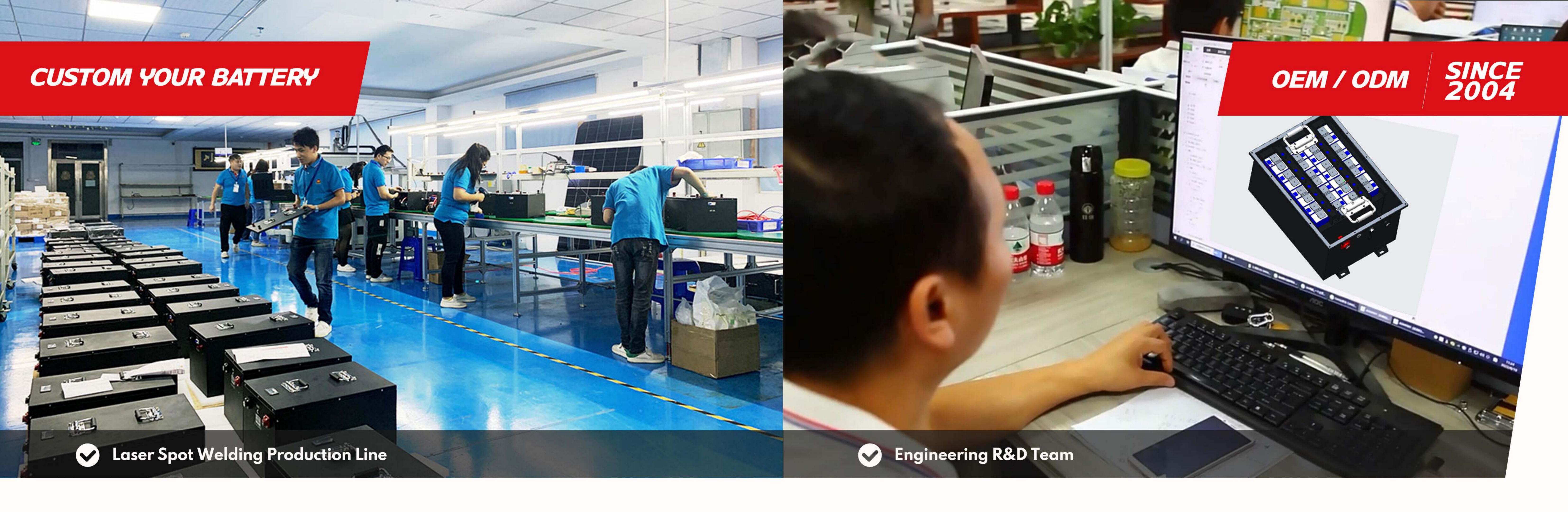
Model	HHS6472	HHS64105	HHS64160	Custom
Capacity	72Ah LFP	105Ah LFP	160Ah LFP	LFP/SIB/LTO
Voltage	64V	64V	64V	Unlimited
Cycle life	>3500	>3500	>3500	3500-50000
Dimension	530*332*178mm	500*332*268mm	600*388*239mm	Unlimited
Weight	33Kg	55Kg	70Kg	Unlimited
Working Current	150A	250A	250A	300A
Peak Current	300A	600A	600A	700A
Warranty	5 years	5 years	5 years	5-10 years





Model	HHS7672	HHS76105	HHS76160	Custom
Capacity	72Ah LFP	105Ah LFP	160Ah LFP	LFP/SIB/LTO
Voltage	76.8V	76.8V	76.8V	Unlimited
Cycle life	>3500	>3500	>3500	3500-50000
Dimension	620*332*178mm	577*332*272mm	760*430*200mm	Unlimited
Weight	38Kg	66Kg	95Kg	Unlimited
Working Current	150A	250A	250A	300A
Peak Current	300A	600A	600A	700A
Warranty	5 years	5 years	5 years	5-10 years





Get your new battery with better price and better design.



SEND YOUR IDEA.

Send us your idea about the battery pack.



SOLUTION CONFIRMED

Our engineering department offers a 3D drawing within 24 hours after confirming your basic specifications and requirements.



GET YOUR BATTERY SAMPLE

We will prepare battery samples for you to test within 15 days.



