



AGA TECHNOLOGY COMPANY LIMITED

Founded in 2006 and locates in Shenzhen, AGA Technology Co., Ltd is a wholly-owned subsidiary of AGA Group.

As an innovative enterprise, it is the integration of sales and service. Relying on AGA Groups' strong technology advantage, economic strength and years of R&D experience. AGA has built the biggest high C rating Lithium Polymer batteries manufacturing base among the world in Hebi City, Henan Province, PRC. "Serving the society with high quality product" is the goal that AGA always strive to committing to providing users with international top products and service, making every effort to make AGA to be an excellent brand in global battery industry, and becoming the most respectable battery manufacturer is AGA people's pursuit.

We firmly believe AGA will live up to the battery industry, and make contribution to clients, employees, even the whole society for a better tomorrow.

Our purpose-built factory is in Henan City and pack assembly in Dongguan City which is stretching over a total area of 70,000 sqm.





Shenzhen Office (Headquarter):

- Shenzhen AGA Technology Company Limited(China)



Hong Kong Office:

- AGA Holding Company Limited(HK)



Henan Factory:

- Hebi NXE Electronics Company Limited(China)

Dongguan Factory:

- Dongguan NXE Electronics Company Limited(China)

US Office:


- KOPOX, INC.

AGA Group

- Established time: 2004
- Number of employees: 600
- Industrial park area: 70,000 square meters
- Main products: Jump Starters, LiPo batteries, Portable Power Station and LiFePo4 batteries
- Factory Address: No. 131, No. 281, Haihe Road, Qibin District, Hebi City, Henan Province, China
- Assembly plant: No.1, 128 Industrial Zone 1st Street, Tangxia, Dongguan, China

AGA

More than 10 years
focuses on High C-Rate
Lithium Polymer battery
pack production and
development

Power Station  More »	Car Jump Starter  More »	Motorcycle Battery  More »	Battery Charger  More »	Lipo Battery  More »	Solar Panel  More »
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Production Capacity

Car jump starter

1,050,000pcs~1,500,000 pcs per month
Battery Cell (depend on 3300mAh)
Lead time: 45 days



RC Battery

1,050,000pcs~1,500,000 pcs per month
Battery Cell (depend on 3300mAh)
Lead time: 45 days



LIFEPO4 Battery

560,000pcs~1,050,000 pcs per month
(depend on 12V.100AH)
Lead time: 45 days



Residential Energy Storage

50,000pcs~100,000 pcs per month
(depend on 48V 200AH)
Lead time: 45 days



Portable Power Station

560,000pcs~1,050,000 pcs per month
Battery Cell (depend on 3300mAh)
Lead time: 45 days



What makes AGA JumpStarter's perform excellently?

World's key material-LiCoO₂

AGA use pure lithium cobalt(LiCoO₂) as battery anode material. Their **continuous discharging ratio** is range from 10C-90C, which is much **higher** than the other factory in the market.

Industrial automation Equipment

Fully automatic lamination machine with Nano Tech.T this will keep the consistency of every single LiPos cells which means the IR, Voltage and capacity will completely the same, when we matching the cells, the quality will be **very stable and great power for a better performance.**

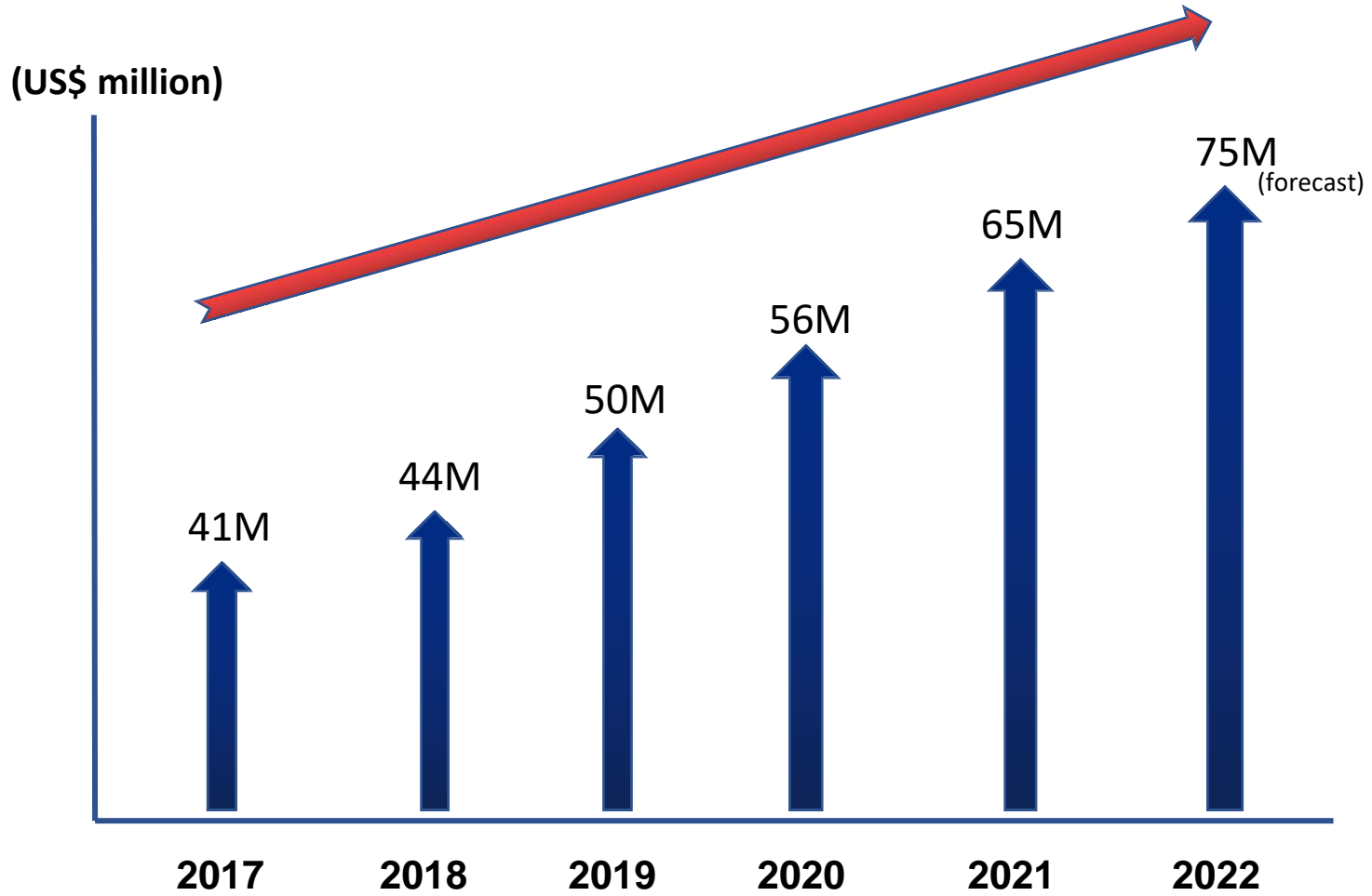
High Temperature Test

AGA was the first factory to release high temperature lithium-ion polymer battery,can resist the high temperature of 65°C one week ,80°C for four hours.

Unique QR code

All of AGA single cells and battery packs has itself **Identity Code**.Through the Code,our factory system can know all of cell's details, including capacity,voltage, resistance, productiondate ,test situation and etc. Actually, there are very less factory support print QR code on battery cells.

AGA Group Sales Turnover



Global Market

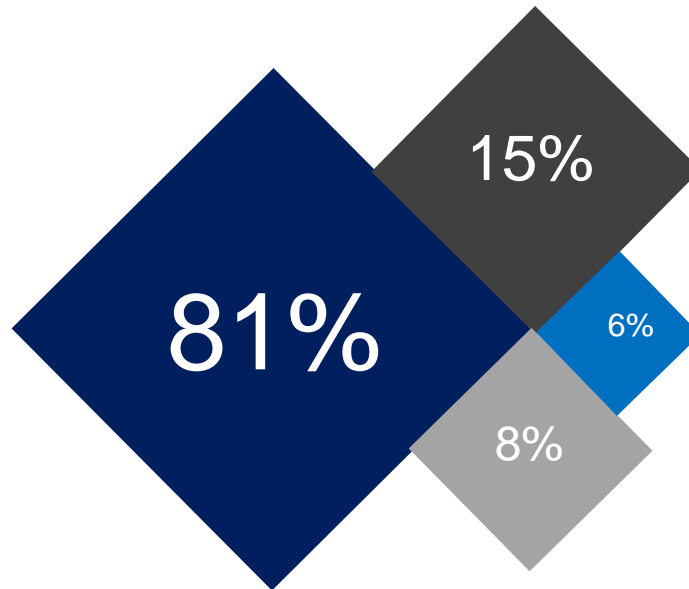
USA & Europe

Jump Starter

Costco
Uniselect Inc
JSP Group
International
Mighty7
...

RC Battery

Vertical Partner West, LLC
Modellmarkt24
...



Australia

Jump Starter

4wdsupacentre
Hilta
...

RC Battery

Desert Aircraft
...

China

Asia

Jump Starter

EVER TRUST Co.,Ltd.
...

RC Battery

Customized Brand C
(Confidential)
...

Patent Certificate

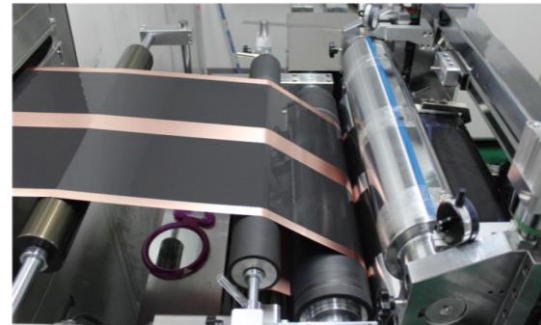


- 62 Utility patents
- 34 Design patents
- 21 Invention patents



Factory facilities

- More than 4 units of high-performance coating machines, imported from Japan
- More than 50 units of fully automatic specialized stacking machines for high-rate Li-Polymer batterypower ultrasonic welding machines. imported from South Korea
- More than 20 units of automatic slicing machines
- More than 60 units of high-power ultrasonic welding machines, imported from South Korea
- More than 160 units of Automatic lamination machine



QC System



Arbin-60V-400A
Test Cabinet



Arbin-5V-20A
Test Cabinet



Constant Temperature
Humidity Chamber



High temperature
Cabinet



Altitude Simulation
Test Machine



BTS-15V
800A Test Cabinet



Puncture Tester



Crushing Tester



Impact Tester



Burning Tester



Drop Tester



High-low temperature
test cabinet

Strict Testing

Electrical Performance Tests

Initial Performance Test	Rate Discharge Test
Pulse Charge Test	Rate Charge Test
High Temperature Discharge Test	Low Temperature Discharge Test
Cycle Test	Charge Retention Test
Storage Test	

Environment & Safety Tests

Vibration Test	Drop Test
Low Pressure Test	Impact Test
Heating Test	Over Charge Test
Forced-Discharge Test	Short-Circuit Test
Shock Test Nail Test	Temperature Cycle Test Crush Test

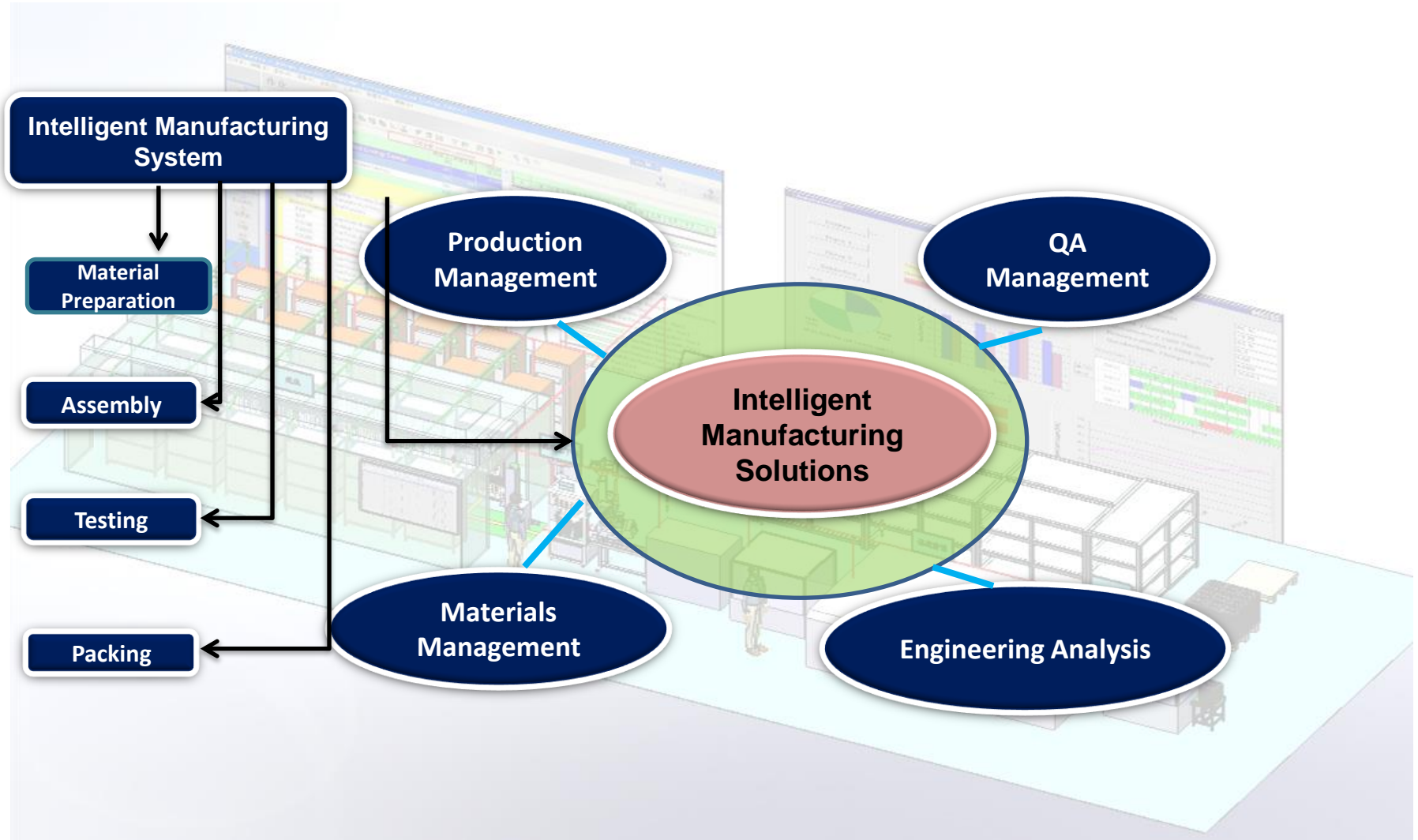
Certifications

We partner with several accreditation bodies

- Product Certification: CE, FCC, EMC, ROHS, MSDS, UN38.3
- Quality & Environmental Management Systems: ISO9001, QS9001, , ISO14001
- Social Audit Certification: BSCI (amfori)



MES – Intelligent Manufacturing Solutions

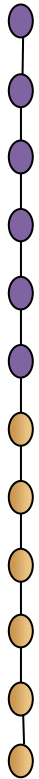
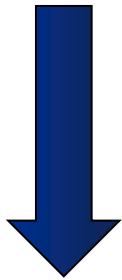
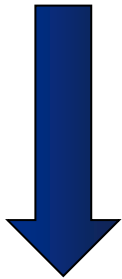


Tracing System

The product adopts two-dimensional code traceability system to improve the consistency and output reliability of batteries, and provides users with high quality and high performance products.

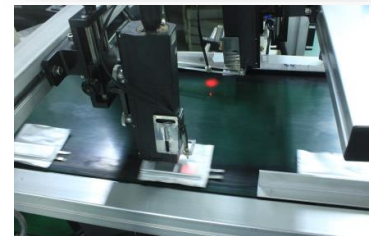
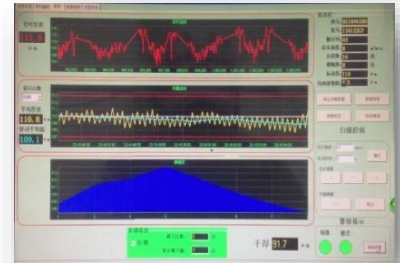
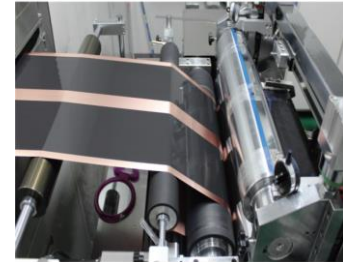


Production Flow



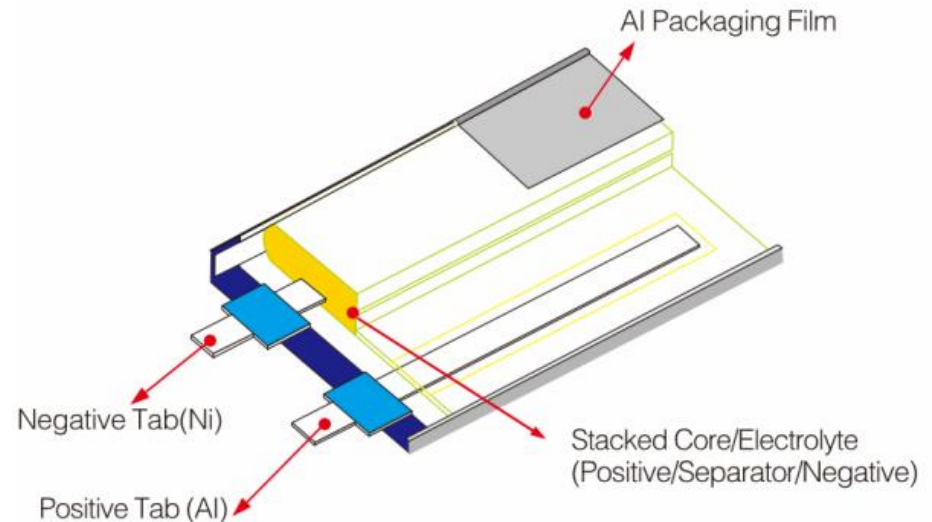
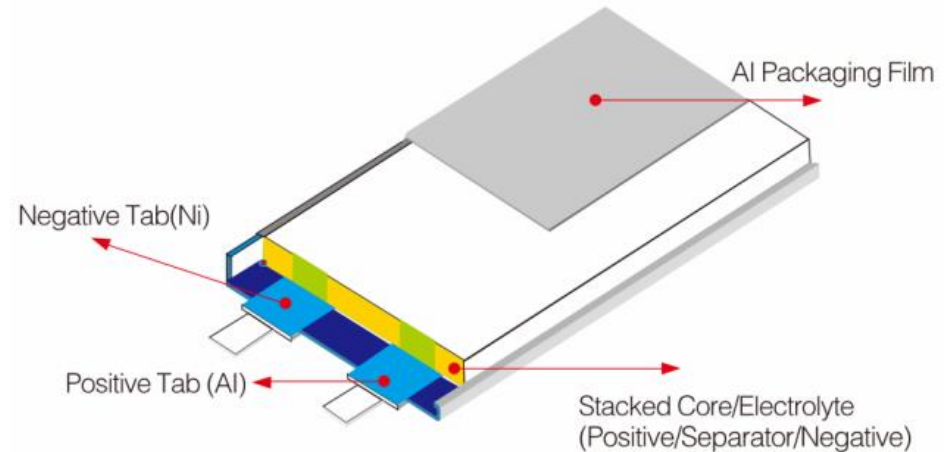
- Mixing
- Coating
- Calendaring
- Lamination
- Welding
- Top-sealing
- Baking
- Electrolyte Injection
- Formation
- Degassing
- Grading
- Testing、Pack

- ◆ High viscosity and high strength mixing
- ◆ Automatic feeding system
- ◆ Laser on-line thickness measurement
- ◆ Extrusion coating, 24m drying way
- ◆ Large diameter 700mm
- ◆ Automatic lamination
- ◆ Pre welding integration
- ◆ Two dimensional code tracing
- ◆ 4 to 1 rotary hard seal
- ◆ High vacuum -95Kpa
- ◆ Dry dew point -40 C
- ◆ 1 by 1 injection volume tracing
- ◆ High temperature fixture forming
- ◆ Servo suction pressure control
- ◆ 1 by 1 liquid preservation volume traceability
- ◆ 1 by 1 self discharge screening
- ◆ Combination according to customer requirements



Product Features – LiPo Batteries

- **High energy density**
- **High power density**
- **Flexible sizes**
- **Safety performance**
- **Low internal resistance**
- **Long lifespan**
- **High discharge Rate**



Product Features – LiPo Batteries

High temperature resistant

- **60 degrees Celsius in 7 days and 14 days**

Bulge-free with a high temperature in 7-day and 14-day testing which keep a stable capacity and a recovery rate

Technical Information	High temperature storage conditions	
	60°C in 7 days	60°C in 14 days
Capacity retention rate	83%	80%
Capacity recovery rate	96%	93%
Thickness change rate	1.4%	2.5%
Appearance performance	Bulge-free	Bulge-free

AGA Portable Jump Starter



The car emergency starting power supply is a multi-functional portable power bank developed for car lovers and businessmen. Its characteristic function is to start the car when the car loses electricity or other reasons cannot start the car. It also combines the air pump with emergency power supply, outdoor lighting and other functions. It is one of the must-have products for outdoor travel.



AGA Portable Power Station



This is a perfect power supply system for camping and outdoor activities. The drivers not only are able to supply the power for 3C products and small appliances such as notebook, camera, light, drone, mini fridge, blender etc but also they are able to cook with some kitchen appliances operating the heating system, such as the electric grill, pressure cooker, coffee makers etc.



AGA Li-Po Batteries



It preferred power source for most electric RC models. LiPo batteries offer high discharge rates and optimum energy storage/weight ratio. AGA produces the high-rate discharge lithium polymer battery, from 20C to 140C, which provide a long lifespan for drones, planes, cars, Helis and Airsofts.



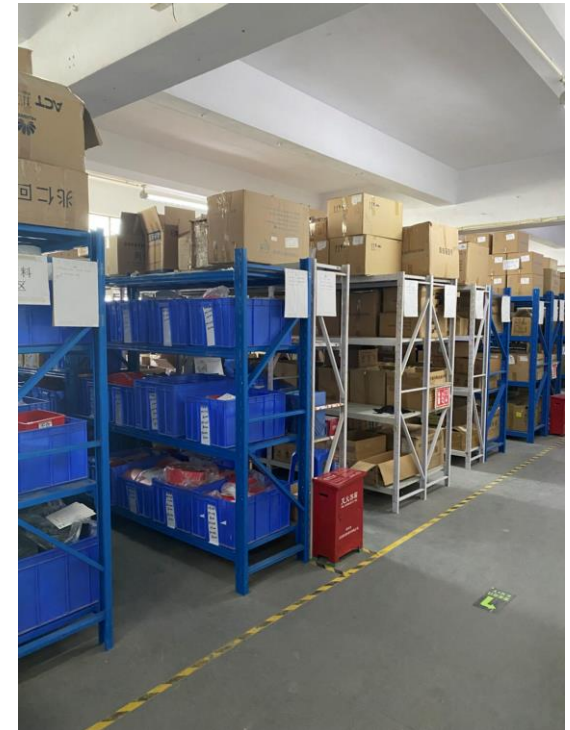
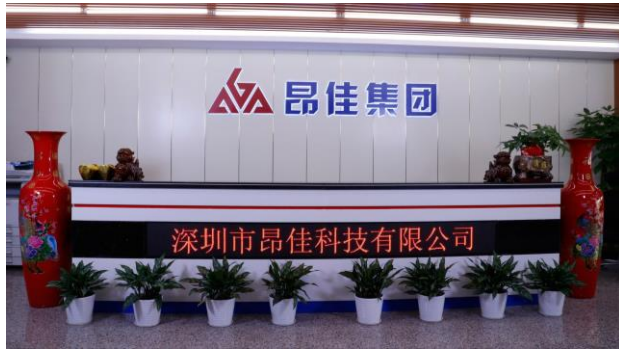
AGA LiFePO4 Batteries



It can be used on a wide variety of equipment, vehicles, devices such as UPS, Passenger Car, Motorcycle, Van, ATV, Scooter, Truck, Lawn Mower, Trailer, Boat, Solar power System, Cellular BTS



Factory Visit



Stand High, Spread wide!

Factory Visit



Factory Visit



Thank you

**AGA Technology Company Limited
Stand High, Spread wide!**

