

MODULAR SOLAR POWER STORAGE SYSTEM

Hame Technology Co., Limited

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Product Manual APP

COMPANY PROFILE

Hame Technology Co., Ltd. was established in 2009 and headquartered in Shenzhen. Hame is a national high-tech enterprise focusing on the R&D, production and marketing of mobile power storage products. Hame has passed ISO9001 quality management system and ISO14001 environmental management system certification and won 156 patents, including 6 invention patents. The product line covers outdoor power storage, home and commercial photovoltaic energy storage, power bank, electric bicycle battery packs, high-density ternary lithium batteries, LiFePO4 batteries, etc.

We have a lithium battery production base in Hunan, a Shenzhen mobile energy storage product production base, a Hunan mobile energy storage product production base and a mold injection plant. There are more than 1,068 employees, a production workshop of 60,000 square meters, and 2 fully automatic Battery cell production lines, 8 automatic SMT production lines, 20 automatic injection molding production lines, 24 energy storage product assembly lines. The annual battery cell production capacity is 1GWh, and mobile energy storage product annual production capacity is 20 million units.

With a professional R&D team, complete upstream and downstream industry distribution, advanced automated production equipments, and standardized production processes, Hame has won CE, FCC, UL, UN38.3, PSE and other quality certifications, and the products are exported to Europe, America, Southeast Asia and many other countries and districts. According to the export data of China Customs in 2020, our company has already ranked the 4th place of exporting mobile energy storage products in China. We have established good business relationship with many well-known global companies, such as Walmart, Varta, mophie, belkin, Energizer, Lidl, hama etc. The products are sold in Wal-Mart, global Apple stores, and major airports around the world.

Adhering to the business philosophy of "science and technology promotes development, quality is the key for a win-win business", Adhering to the business philosophy of "science and technology promotes development, quality is the key for a win-win business", we continue to invest in R&D on new materials and technologies for lithium batteries, and build "smart factories" based on Industry 4.0 standards.

Mobile energy storage business is our core business, and we will become an industry leader by building a complete industrial chain. By creating more perfect mobile energy storage products, it can bring global users a better outdoor power experience.

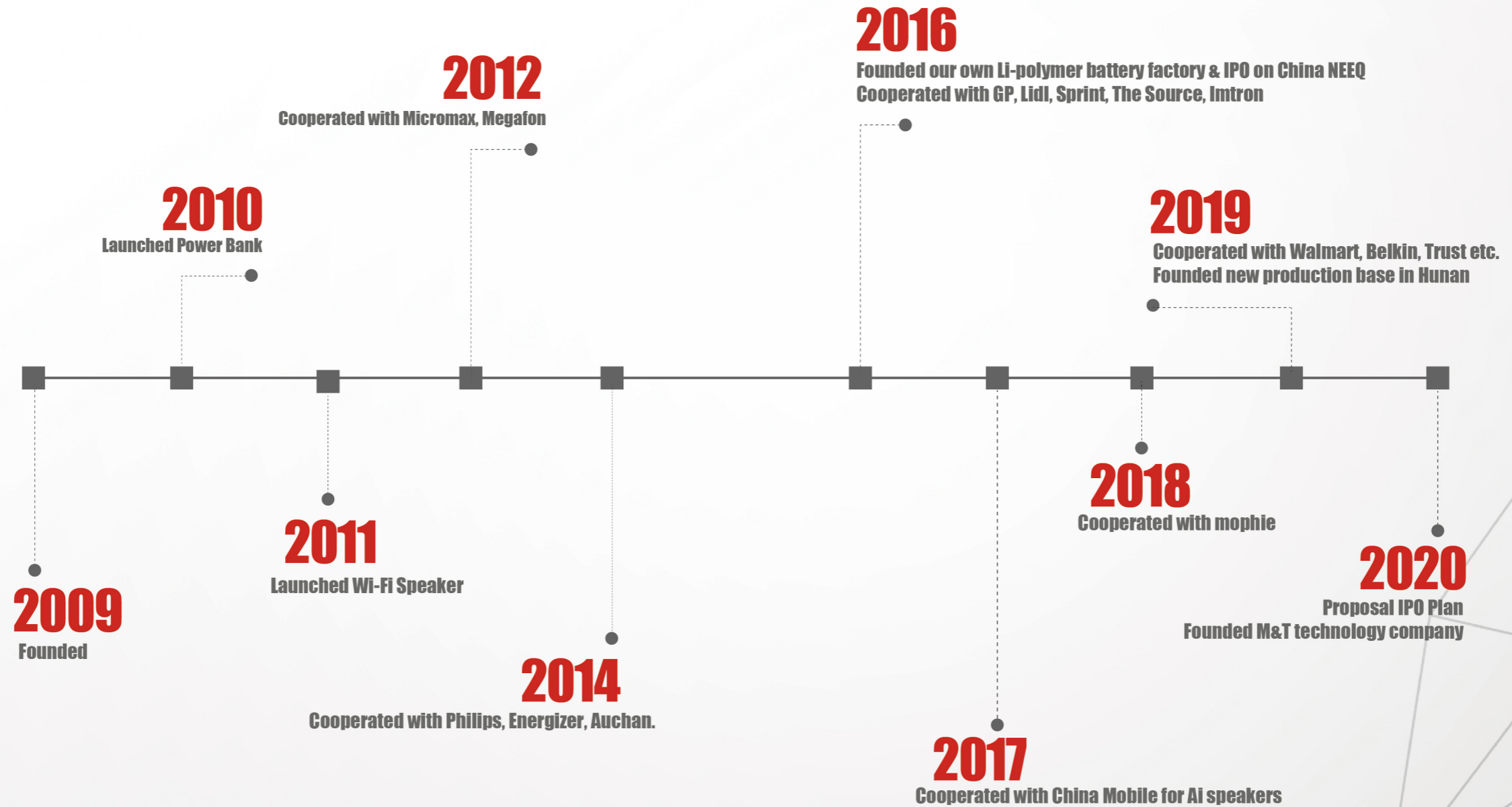
Our Vip Partners



Excellent Company Qualification



HISTORY



12
Years
Experience

Sold to
80
Countries

30000
sq.m
ownself
Battery
Factory

Over
60
Global
Brand
Partners

65
RD
Engineers

OVER
1000
Employees



Manufacturing Center Shenzhen

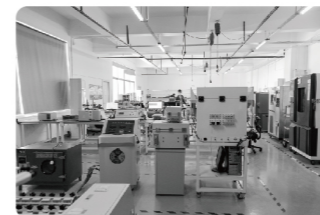
Shenzhen Production & Sales Center



SMT Production Line



Quality Control



International Quality Certification



UN38.3 IEC 62133-2 IEC 62368-1 EN 62368-1 EN 55032 EN 55035



Manufacturing Center Hunan

Assembly Line



SMT Production Line



Quality Control



International Quality Certification

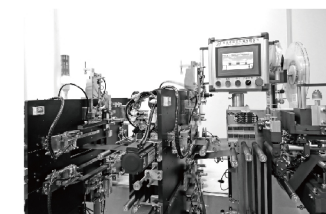


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Battery Cell Production Center Hunan

Battery Automation Production Equipments



International Quality Certification





Injection Molding Production Center

Hunan

Injection Production Line



Die Cutting Production Line



Blastic Packing Production Line



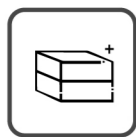
MODULAR SOLAR POWER STORAGE SYSTEM

Scalable from 4 to 24kWh

5000W Max Input

5000W Max Output





Flexible Configuration

4000Wh Modular Design
Scalable from 4 to 24kWh



Safe & Reliable

46Ah/pcs
LiFePO₄ Battery



Long Life

Over 10 Years
Cycle life 4000+ times



Quick Charge & Discharge

5000W Max PV / AV Input
5000W Max AC Output



Simple Installation and Maintenance

Removable Control Module
Removable Power Module



Remote Monitoring

APP Check and Control

MAIN CONTROL MODULE



Model:	SPL3000	SPL5000
PV Max. Input Power:	5000W	
PV Max. Open-circuit Voltage :	450V	
Max. Output Power:	3000W	5000W
Output Voltage:	100V@60Hz / 230V@50Hz	
Dimensions:	480*440*130mm	
Weight:	12.4±0.1kg	
Material:	Metal	
Working Temp:	0~40°C	
Indicator:	LCD Screen	
LCD Screen:	75*50mm	
Protection rating:	IP20	

POWER MODULE



Model:	V4000
Capacity:	4000Wh
Battery type:	LiFePO4
Cycle Life:	4000 times
Dimensions:	480*630*130mm
Material:	Metal
Weight:	25±0.1kg
Storage Temp:	-20~60°C
Working Temp:	0~40°C
Environment:	Indoor
Protection rating:	IP20