

# MERCURY SERIES HOME & OUTDOOR POWERSTATION



## Hame Technology Co., Limited

Add: BLDG#A, Changfang Industrial Park, NO.2 Guihua 5th Road, Pingshan

New District, Shenzhen 518118, Guang dong, China

Tel: 86-755-28398778 Fax: 86-755-28398779

Headquarters E-mail: market@hametech.com

America E-mail: america@hametech.com

Europe E-mail: europe@hametech.com

Asia E-mail: asia@hametech.com

Web: www.hametech.com



Official Website

# ABOUT US

## OUR STORY

After a decade of working at and researching on the energy storage industry, in the spring of 2009, our founder, Peter Yang, set out with a vision of creating a cleaner energy storage product that would seamlessly integrate into everyone's life. Starting with the power bank products in 2010, HAME reached the sales of 18 million units of power banks and partnered up with Mophie, Belkin, Best-Buy and Walmart in the United States, and Varta, Lidl, Hama in Europe. We are now embarking on a new journey and will be dedicating to build up a whole line of power storage products for adventurers and all kinds of off-grid lives.

## COMMITMENT TO PRODUCT

HAME is and always will prioritize design, service and quality over everything else. One of the most important aspects to us when designing new products is that we use the highest quality, longest-lasting materials available. With a team of 200 engineers and scientists, we design all of our products from the ground up, rather white-labeling existing products. From BMS motherboard to MPPT controller and inverters, we always choose the best design and materials that stand out and outlast.

## EMBARKING ON THE NEW JOURNEY

Stepping into the second decade of our company, we have two factories in Xiangxi prefecture of western Hunan province. Our annual cell battery production capacity could reach 5GWh, supplying our 1 million units of portable energy storage products and 300,000 units of home energy storage products. Our headquarter, based in Shenzhen along with three other subsidiary companies, the Hame Group has over 1200 employees. Everything started with a simple idea, whatever HAME does, we always do it to our best and with same dedication like we had on the first day when we embark on the road. We have gotten a tad bigger, but we never forget to remain true and loyal to our clients and customers, from China to USA, from phone-users to outdoor adventurers!



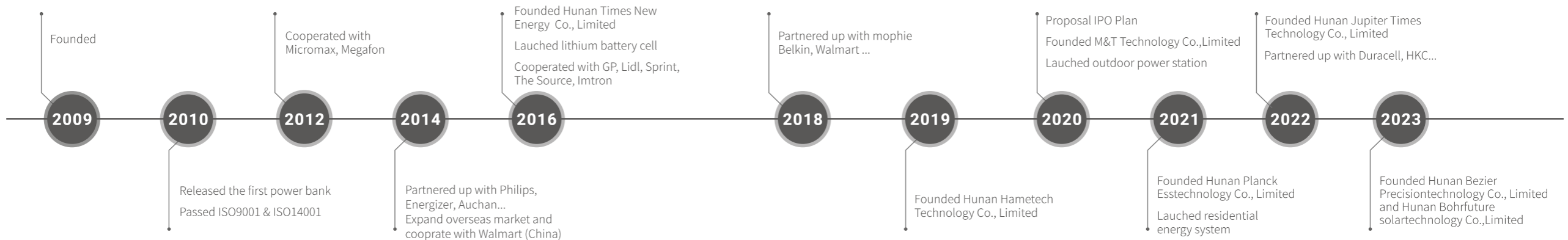
Battery Manufacture Base



Portable Power Manufacture Base



Energy Storage Manufacture Base





# M5000 & P5000 HOME & OUTDOOR POWERSTATION

5.1kWh ~ 15.3kWh



#### Expandable Capacity

Max. two expansion battery modules  
The max. capacity is 15.36kWh.



#### Multiple High Output

Max. 5000W output, 5 AC pure sine  
wave discharging interfaces.



#### High-power PV Input

Support max. 7000W PV input  
2 array PV ports.



#### UPS Function Supported

Milliseconds switching(< 20ms) while  
grid power cut off.



#### Fast AC Charge

Max. 5000W AC input. 1 hour  
charging about 80%.



#### Remote Control

The whole system can be viewed  
and controlled in real time through  
APP or browser.



#### IP65 Waterproof Design

IP65 waterproof grade. The waterproof  
design can prevent water from  
entering the top and around.



#### Easy Indoor/Outdoor Mobility

The big size & universal direction  
wheel design makes easily indoors  
and outdoors movements.



#### Ultra-pure Mute

No cooling fan design, super quiet  
and noiseless.





# 5000W NOISELESS SOLAR GENERATOR

## PERFECT REPLACEMENT FOR DIESEL GENERATOR

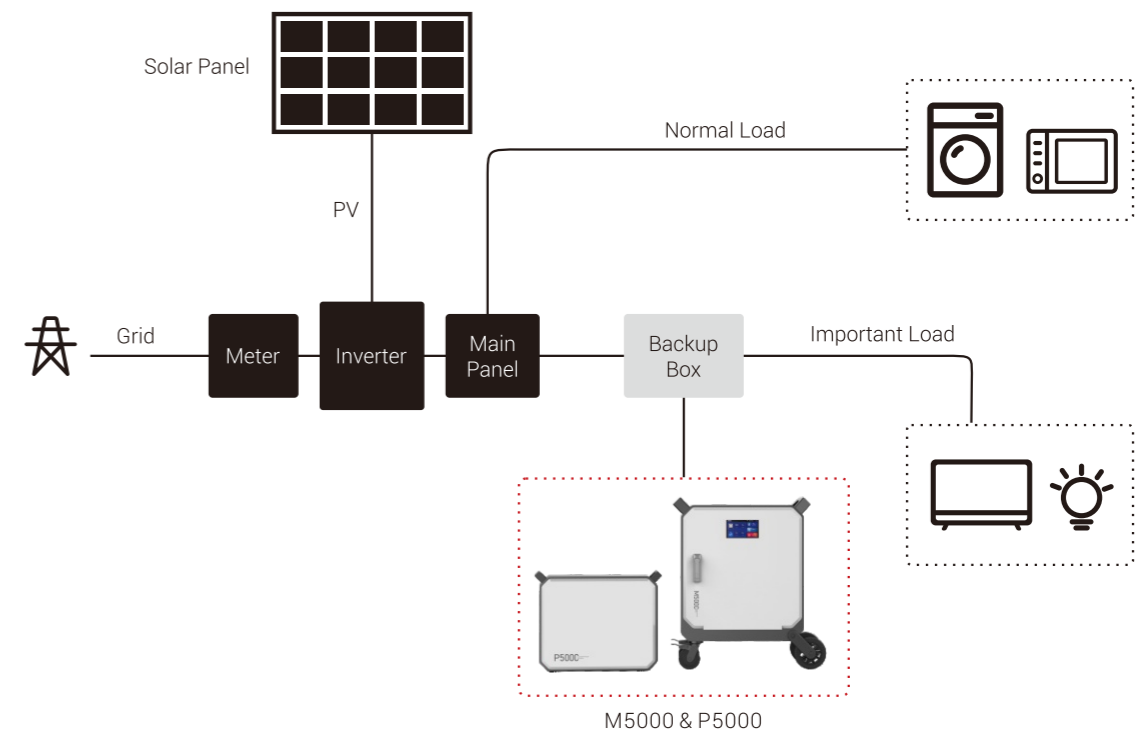
5120Wh



## SOLAR BATTERY STORAGE & BACKUP SYSTEM

### AC-coupled Storage System

- User has already installed PV energy system at home, M5000 and P5000 can work as home power back-up directly, you can DIY quickly instead of waiting for qualified electrician.
- No need communication with PV inverter you already installed, no need any change for the existing PV energy system.





## EMERGENCY BACKUP FOR EV

- Max. 5000W AC output
- Max. two extra battery modules, up to 15.3kWh capacity



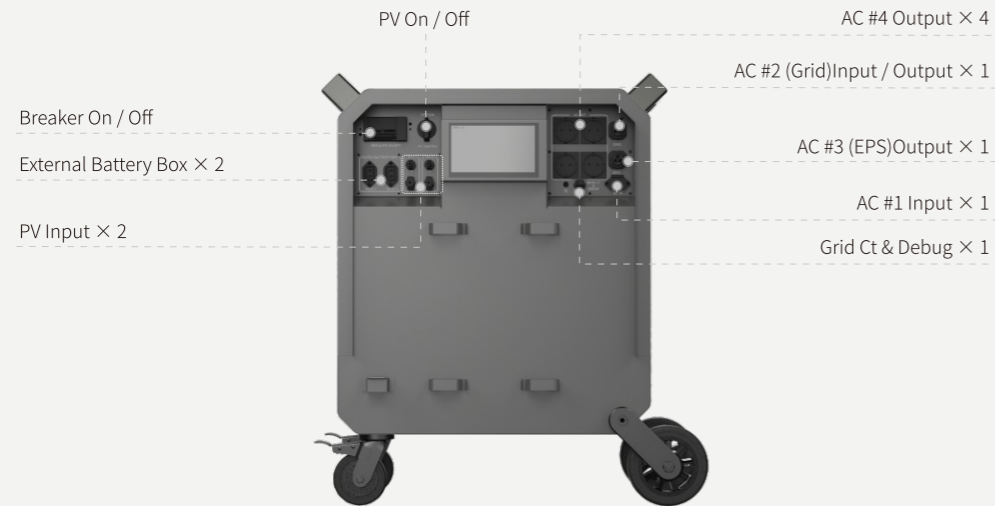
## MOBILE ENERGY STORAGE SYSTEM

- AC 5000W pass through.
- PV 7000W fast charging, 1 hour charging about 90%.





## HOME & OUTDOOR POWERSTATION SPECIFICATIONS



	Model	M5000
GENERAL	Capacity	5120Wh * N (N≤3)
	Cell Chemistry	LiFePO <sub>4</sub>
	Nominal Current	100A
	Lifecycle	6000+ Cycles to 80% Capacity
	Indicator	APP / LCD Screen / Web
	Storage Temp.	-4°F~140°F (-20°C~60°C)
	Operating Temp.	32°F~122°F (0°C~50°C)
	Material	Metal
	Weight	90±0.5kg
	Dimensions (With Base)	721*408*809mm
	Dimensions (Without Base)	651*408*670mm
	Battery Management System	OVP, UVP, OCP, SCP, OTP, UTP, etc.
	Solar Charge System	MPPT Charge Controller
	INPUT	MC4 (Solar)
AC #1		2000W Max (220V~240V@50Hz)
AC #2 (Grid)		5000W Max (220V~240V@50Hz)
OUTPUT	AC #2 (Grid)	5000W Max (220V~240V@50Hz)
	AC #3 (EPS)	5000W Max (230V@50Hz)
		Automatic Switchover Time < 20ms
	AC #4	2000W Max (230V@50Hz)

## EXTRA BATTERY BOX SPECIFICATIONS



	Model	P5000
GENERAL	Capacity	5120Wh
	Cell Chemistry	LiFePO <sub>4</sub>
	Nominal Current	80A
	Lifecycle	6000+ Cycles to 80% Capacity
	Storage Temp.	-4°F~140°F (-20°C~60°C)
	Operating Temp.	32°F~122°F (0°C~50°C)
	Material	Metal
	Weight	46±0.5kg
	Dimensions	596*466*210mm
	Battery Management System	OVP, UVP, OCP, SCP, OTP, UTP, etc.
	INPUT	Battery Voltage Range
Charge Voltage		58V Max
Charge Current		80A
OUTPUT	Discharge Current	80A
	DoD	90%