



NATIONAL BATTERY SUPPLY

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OEM private label high energy density
and deep cycle battery manufacture.



The World's First OEM/ODM Provider
of Sodium-ion Battery Energy
Storage Solutions



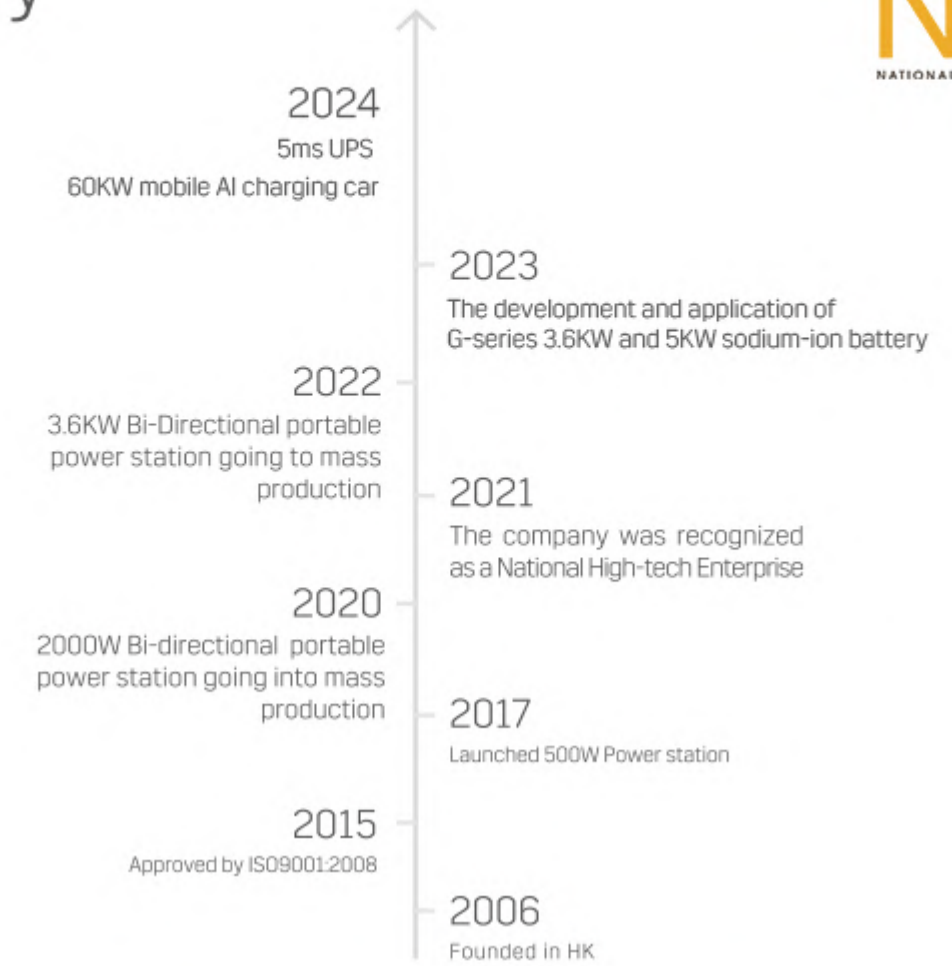
About NBS

NBS specializes in the field of energy storage system and is a company with professional R&D capability in energy storage products. We are committed to providing customers with one-stop solution services from product design, solution development and product manufacturing.

Since its establishment, the company has always insisted on technological innovation and independent R&D investment. Our R&D team is composed of a group of skilled and experienced professionals, who have accumulated years of practice and technology, and have profound battery management and system control technology, reaching the leading technical level in China.

Adhering to the concept of "professionalism, innovation and service", our company always takes the customer as the center and constantly pursues excellent quality and perfect service. Our goal is to become an international first-class energy storage power products service provider, with the help of our intelligent energy big data platform, to provide more reliable, efficient and safe energy storage power products for global users.

History



Our Factory

Focus on OEM/ODM business



Our Honors

BSCI/ISO9001



SODIUM ION BATTERY APPLICATIONS

sodium-ion batteries drive a new era of energy applications and create a better, greener future.
(Supported models: M50, G36, G24, G18, G12)



Advantages of Sodium Ion Batteries



Charge
3C



Discharge
5C



Low temperature
-40°C



MODEL NO.: M50

Capacity	5120Wh(51.2V/100Ah) LiFePO4
AC output	3600W(110V Version) / 5000W(230V Version)
Car Charger Output	12V/10A
Solar Input	12-80V/20A Max 1200W
AC Input	100-120V~60Hz/1500W Max 220-240V~50Hz/1800W Max
USB-A	2XQC3.0
Cycle life	≥3000 Cycles
Charging temperature range	-0~45°C
Discharge temperature range	-20~60°C

The M50 Energy Storage System Substituting Diesel Generators have the following features:

- 5000W pure sine wave inverter with built-in 1200W MPPT solar controller.
- 5120Wh lithium-ion battery with intelligent battery management system.
- Charges from AC power or solar energy.
- Long battery cycle life of 3000 cycles.
- Built-in overload and short-circuit protection.
- Stylish integrated battery design.
- LCD display screen provides comprehensive information.
- No installation required. Easy-to-use plug-and-play system.
- Sturdy and durable casters make it easy to move.
- Provide ideal backup Power solutions for your home office, or industrial manufacturing.
- The M50 Energy Storage System Substituting Diesel Generators can supply power to electronic devices and appliances such as hairdryers, kettles, televisions, computers, air conditioners, refrigerators and freezers, microwaves, medical equipment, power tools, and so on.

G SERIES



Intelligent Energy System For All Scenarios



3000 Cycles



BMS Safety and Smart



Expandable capacity



Super Fast AC Charging



Charging method



Balcony Energy System





Providing last 20 Kilometers power assurance services for EV

- Emergency fast charging function, escort for your car.
- Real-time charging status monitoring.
- Automatic identification and matching of charging parameters.
- Small and lightweight

Smart Home Energy Storage System

- Maximum conversion efficiency
- Wide input voltage range, early start and late stop, MPPT range 120-400V
- full power module design, high reliability
- Intelligent air-cooling, high temperature without derating, longer life
- Flexible and various optional monitoring methods
- Intelligent and efficient, built-in battery pack balance management unit, improve the available battery capacity
- Optional intelligent power management system, family power saving, and provide UPS function



MODEL NO.: G36



BATTERY 3072Wh(51.2V/60Ah)
 AC OUTPUT Max 5000W
 AC INPUT Max 1800W
 SOLAR INPUT Max 1200W
 USB-C PD31

Balcony Energy Storage System: Modern, Green, and Intelligent

- Solar Energy Storage:** Utilizing advanced solar energy storage technology, G Series converts Solar into clean energy, providing your life with a green power source.
- Intelligent Expansion:** G Series supports plug-and-play functionality with intelligent expansion, meeting your increased power demands at any time, adapting to different weather conditions and usage scenarios.
- Multi-Unit Parallel Connection:** With a unique parallel connection technology, multiple energy storage systems can be flexibly linked, working together to achieve more efficient energy utilization.

Capacity & Battery type	3072Wh(51.2V/60Ah) LiFePO ₄
AC output Voltage Range	100-120V~, 50Hz/60Hz or 220-240V~, 50Hz/60Hz
Rated & Peak Power	Rated power 3600W(110V Version) / 5000W(230V Version)
AC Output Port Options	US/JP/AU/UK/EU / South Africa
USB Output	2x USB-A QC3.0 1x12V/50A 2x USB-C PD Max 140W 1X 12V/50A Max 600W
DC Output	12V/30A
Charging ways	By Wall / By Car / By Solar
AC input	100-120V~, 50Hz/60Hz, Max 1500W 220-240V, 50Hz/60Hz, Max 1800W
12V RV DC Input	12V/50A / Max 600W
Solar Input	12-80V/20A Max 1200W
LED light	8W
Weight	Approx.35Kg
AC Charging time	Approx.2 hrs
Cycle life	3000 Cycles @≥80%
Size(LxWxH)	510x350x382mm
Other Functions	Capacity Expansion / Balcony Energy Storage System
Wireless charging	Optional
APP	Available through WiFi / Bluetooth

MODEL NO.: G24



BATTERY 2048Wh(51.2V/40Ah)
 AC OUTPUT Max 2400W
 AC INPUT Max 1500W
 SOLAR INPUT Max 1200W
 USB-C PD Max 140W

Capacity & Battery type	2048Wh(51.2V/40Ah) LiFePO4
AC output Voltage Range	100-120V~, 50Hz/60Hz or 220-240V~, 50Hz/60Hz
Rated & Peak Power	Rated Power 2400W, Peak Power 4800W
AC Output Port Options	US/JP/AU/UK/EU / South Africa
USB Output	2x USB-A QC3.0 2x USB-C PD Max 140W
DC Output	12V/30A
Charging ways	By Wall / By Car / By Solar
AC input	100-120V~, 50Hz/60Hz, Max 1200W 220-240V, 50Hz/60Hz, Max 1500W
Solar Input	12-80V/20A Max 1200W
LED light	8W
Weight	Approx.25 kg
AC Charging time	Approx.2 hrs
Cycle life	3000 Cycles @>80%
Size(LxWxH)	510x265x322mm
Other Functions	Capacity Expansion / Balcony Energy Storage System
Wireless charging	Optional
APP	Available through WiFi / Bluetooth

MODEL NO.: G18



BATTERY 1024Wh(25.6V/40Ah)
 AC OUTPUT Max 1800W
 AC INPUT 1000W
 SOLAR INPUT Max 600W
 USB-C PD Max 100W

Capacity & Battery type	1024Wh(25.6V/40Ah) LiFePO4
AC output Voltage Range	100-120V~, 50Hz/60Hz or 220-240V~, 50Hz/60Hz
Rated & Peak Power	Rated Power 1800W, Peak Power 3600W
AC Output Port	Option (US / JP / AU / UK / EU / South Africa)
USB Output	2x USB-A QC3.0 2x USB-C PD 100W
DC Output	12V/10A
Charging ways	By Wall / By Car / By Solar
AC input	100-120V~, 50Hz/60Hz, Max 800W 220-240V, 50Hz/60Hz, Max 1000W
Solar output	12-80V/10A Max 600W
LED light	8W
Weight	Approx. 15 kg
AC Charging time	Approx. 1.5 hrs
Cycle life	3000 Cycles @>80%
Size(LxWxH)	370x220x285mm
Other Functions	Capacity Expansion / Balcony Energy Storage System
Wireless charging	Optional
APP	Available through WiFi / Bluetooth



- BATTERY
512Wh(25.6V/20Ah)
- AC OUTPUT
Max 1200W
- AC INPUT
Max 600W
- SOLAR INPUT
Max 600W
- USB-C
PD Max 100W

Capacity & Battery type	512Wh(25.6V/20Ah) LiFePO4
AC output Voltage Range	100-120V~, 50Hz/60Hz or 220-240V~, 50Hz/60Hz
Rated & Peak Power	Rated Power 1200W, Peak Power 2400W
AC Output Port	Option (US / JP / AU / UK / EU / South Africa)
USB Output	2x USB-A QC3.0 2x USB-C PD 100W
DC Input	12V/10A
Charging ways	By Wall / By Car / By Solar
AC input	100-120V~, 50Hz/60Hz, Max 600W 220-240V, 50Hz/60Hz, Max 600W
Solar output	12-80V/10A Max 600W
LED light	8W
Weight	Approx. 9kg
AC Charging time	Approx. 1hrs
Cycle life	3000 Cycles @≥80%
Size(LxWxH)	370x220x215mm
Other Functions	Capacity Expansion / Balcony Energy Storage System
Wireless charging	Optional
APP	Available through WiFi / Bluetooth



MODEL NO	BT30	BT20
Capacity & Battery type	3072Wh(51.2V/60Ah) LiFePO4	2048Wh(51.2/40Ah), LiFePO4
Charging ways	By Car / By Solar	By Car / By Solar
Car charging	12/24V Max 10A	12/24V Max 10A
Solar input	12-80V / Max 1200W	12-80V/Max 1200W
Cycle life	3000 Cycles @≥80%	3000 Cycles @≥80%
Weight	Approx. 25 kg	Approx.20 kg
Size(LxWxH)	510x350x380mm	510X265X320mm
APPS	Available through WiFi / Bluetooth	Available through WiFi / Bluetooth



MODEL NO.: HS800

Capacity & Battery type	835Wh (19.2V/43.5Ah) LiFePO4
AC output Voltage Range	100-120V~, 50Hz/60Hz or 220-240V~, 50Hz/60Hz
Rated & Peak Power	800W (110V Version)/ 1000W (230V Version), Peak Power 1500W
AC Output Port	Option (US / JP / AU / UK / EU / South Africa)
USB Output	1x USB-C PD 100W, 1x USB-C PD 30W, 1xUSB-A QC3.0 Max 18W
DC Output	1x Car Socket Max 108.8W, 1xDC 5525 Max 108.8W
Charging ways	By Wall / By Car / By Solar
AC input	100-120V~, 50Hz/60Hz, Max 600W 220-240V, 50Hz/60Hz, Max 600W
Solar input	12-28V/8A Max 150W
AC Charging time	Approx. 1.5 hrs
Cycle life	3000 Cycles @≥80%
Weight	Approx. 9.5 kg
Size(LxWxH)	304 x 182 x 277 mm
APPS	Available through WiFi / Bluetooth



50 Charges
iphone
(15Wh)



24 Charges
iPad Air
(32Wh)



12 Charges
MacBook Pro
(63.5Wh)



13 Hours
TV
(60W)



50 Charges
Drones
(15Wh)



15 Hours
CPAP
(50W)

MODEL NO.: HS500

Capacity & Battery type	288Wh (16V/18Ah) LiFePO4
AC output Voltage Range	100-120V~, 50Hz/60Hz or 220-240V~, 50Hz/60Hz
Rated & Peak Power	Rated Power 500W, Peak Power 750W
AC Output Port	Option (US / JP / AU / UK / EU / South Africa)
USB Output	1x USB-C PD 100W, 1x USB-C PD 30W, 1xUSB-A QC3.0 Max 18W
DC Output	1x Car Socket Max 108.8W, 1xDC 5521 Max 108.8W
Charging ways	By Wall / By Car / By Solar
AC input	100-120V~, 50Hz/60Hz, Max 300W 220-240V, 50Hz/60Hz, Max 300W
Solar charging	12-28V/5A Max 100W
AC Charging time	Approx. 1.5 hrs
Cycle life	3000 Cycles @≥80%
Net Weight	Approx. 5.1 kg
Size(LxWxH)	250 x 160 x 209 mm
APP	Available through WiFi / Bluetooth



17 Charges
iphone
(15Wh)



8 Charges
iPad Air
(32Wh)



4 Charges
MacBook Pro
(63.5Wh)



4 Hours
TV
(60W)



17 Charges
Drones
(15Wh)









5 Hours
CPAP
(50W)



MODEL NO.: HS1800



NBS
NATIONAL BATTERY SUPPLY

- 
89 Charges
 iPhone
 (15Wh)
- 
42 Charges
 iPad Air
 (32Wh)
- 
21 Charges
 MacBook Pro
 (63.5Wh)
- 
4 Hours
 Electric drill
 (345W)
- 
3 Hours
 Rice cooker
 (500W)
- 
1 Hours
 Microwave
 (1000W)

When you are confident that your battery has the ability to protect itself, you will be more at ease. When the battery voltage, current and temperature are unstable, the battery management system ensures that your portable power station will always perform at its best.

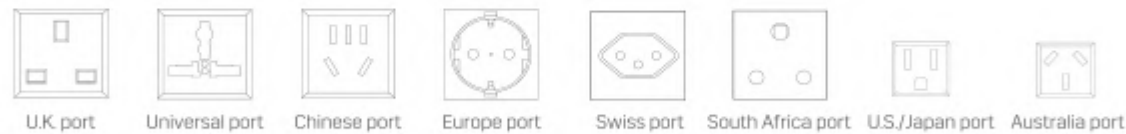
MODEL NO.:HS1800

The HS1800 supports DC, AC, USB and Type-c connections, ensuring uninterrupted power whether you're working, relaxing or playing. Whether you're out exploring, hosting a party, or facing a sudden power outage, the HS1800 delivers steady, reliable power. Additionally, it aids in your efforts to reduce carbon emissions and promote environmental well-being.

- 
Fast Charging
 < 1.5H
- 
Multiple ports
 for multiple devices
- 
BMS Safety
 and smart
- 
Pure Sine Wave
- 
Multiple security
 protections
- 
Solar panel
 charging

MODEL NO.: HS1800

Capacity & Battery type	1536Wh(25.6V/60Ah) or 1024Wh(25.6V/40Ah) LiFePO4
AC output Voltage Range	100-120V~, 50Hz/60Hz or 220-240V~, 50Hz/60Hz
Rated & Peak Power	Rated Power 1800W, Peak Power 2400W
AC Output Port	Option [US / JP / AU / UK / EU / South Africa]
USB Output	2x USB-C PD 100W, 4xUSB-A QC3.0 Max 18W
DC Output	1x Car Socket Max 108.8W, 2x DC5521 Max 108.8W
Charging ways	By Wall / By Car / By Solar
AC input	100-120V~, 50Hz/60Hz, Max 800W 220-240V~, 50Hz/60Hz, Max 1000W
Solar input	12-80V / 10A Max 600W
AC Charging time	Approx. 1.5 hrs
Cycle life	3000 Cycles @≥80%
Weight	Approx. 16 kg
Size(LxWxH)	350 x 220 x 275 mm, 350 x 220 x 313 mm
APP	Available through WIFI / Bluetooth



MODEL NO.: HS2000

Support battery replacement function

AC output Voltage Range	100-120V~, 50Hz/60Hz or 220-240V~, 50Hz/60Hz
Rated & Peak Power	Rated Power 2000W, Peak Power 3000W
AC Output Port	US / JP / AU / UK / EU / South Africa socket optional
USB Output	2x USB-C PD 100W, 4xUSB-A QC3.0 Max 18W
DC Output	1xCar charger, 2xDC5521 Max 108.8W
Charging ways	By Wall / By Car / By Solar
AC input	100-120V~, 50Hz/60Hz, Max 1000W 220-240V, 50Hz/60Hz, Max 1000W
Solar input	12-60V/ 10A, Max 600W (built-in MPPT)
Weight	Approx. 24 kg
AC Charging time	Approx. 2 hrs
Cycle life	800 Cycles @≥80%
Size (LxWxH)	432x312x477mm
APP	Available through WIFI / Bluetooth

MODEL NO.:HS3600

In addition to outdoor activities, HS3600 battery capacity is also perfect for home backup power, for example, when the power goes out, HS3600 battery capacity is enough to support some small appliances such as TV, refrigerator, air conditioner, etc., to provide convenience for your life.

Capacity & Battery type	3072Wh(51.2V/60Ah) LiFePO4
AC output Voltage Range	100-120V~, 50Hz/60Hz or 220-240V~, 50Hz/60Hz
Rated & Peak Power	Rated power 3600W(110V Version) / 5000W(230V Version)
AC Output Port	Option [US / JP / AU / UK / EU / South Africa]
USB Output	2x USB-C PD 100W, 4xUSB-A QC3.0 Max 18W
DC Output	1x Car Socket Max 108.8W, 2x DC5521 Max 108.8W
Charging ways	By Wall / By Car / By Solar
AC input	100-120V~, 50Hz/60Hz, Max 1200W 220-240V~, 50Hz/60Hz, Max 1500W
Solar input	12-80V 10A Max 800W
AC Charging time	Approx. 3 Hrs
Cycle life	3000 Cycles @≥80%
Weight	Approx. 36.5 kg
Size (LxWxH)	432 x 312 x 477 (975) mm
APP	Available through WiFi / Bluetooth



MODEL NO.:HS3600



BATTERY 3072Wh(51.2V/60Ah)
 AC OUTPUT Max 5000W
 AC INPUT Max 1500W
 SOLAR INPUT Max 800W
 USB-C PD Max 100W

195 Charges iPhone (15Wh)
 91 Charges iPad Air (32Wh)
 46 Charges MacBook Pro (63.5Wh)
 8 Hours Electric drill (345W)
 6 Hours Rice cooker (500W)
 3 Hours Microwave (1000W)

MODEL NO.: G50



Capacity & Battery type	5120Wh (51.2V / 100Ah) LiFePO4
AC output Voltage Range	100-120V~, 50Hz/60Hz or 220-240V~, 50Hz/60Hz
Rated Power	Rated Power 5000W
Solar input	120-400V Max 3000W
AC input	100-120V~, 50/60Hz or 220-240V~, 50/60Hz
Communication method	RS485
Charging ways	By Wall / By Solar
Cycle life	3000 Cycles @ >= 80%
Protection rating	IP54
Altitude	≤4000m
Weight	Approx. 58 kg (5KWh) per module
Size (LxWxH)	674 x 147 x 1487mm (5KWh)
APP	Available through WiFi / Bluetooth

MODEL NO.:PS200

Capacity	172Wh (3.7V/46400mAh)
Battery type	Lithium-ion cell
DC Input	19V/2A by Adapter or Solar Panel Max40W
AC Output Power	Rated Power: 200W Max
Output	USB-1.5V/2.4A Max , USB-2.5V/2.4A Max , USB-3-PD 45W
Inverter Waveform	Pure Sine Wave
Net Weight	1.8Kg
Dimension	232.5x90x90mm/9.1x3.5x3.5in
Protection	Low Voltage Protection / Over Voltage Protection Over current Protection / Over Power Protection Over Temperature Protection / Short Circuit Protection

MODEL NO.:LS06

Capacity & Battery type	70Wh(3.7V/19200mAh)
DC Input	19V/1A (by wall charger) Max 20W
MPPT Solar Input	14-25V Max 20W (by solar panel)
USB-A Outputs	5V/2.4A Max x4
DC Outputs	12V/3A Max x3 (total share 5A Max)
Net Weight	380g
Dimension	154x154x37mm
Cycle life	800 Cycles @>80%
Product Type	Off-Grid Solar Lighting System
MPPT Solar Input	14-25V by Solar Panel (Max 20W)



Accessories



XT60-MC4



MC4-BK28



BK28-BK28



BK28-EV Charging Cable



Car charging cable



SC600 MPPT Adapter

Smart Energy Management System (SEMS)



The iforway application provides users with a convenient way to control power consumption. You can monitor the battery dynamics in real time while controlling your device remotely. In addition, the APP allows you to extend the life of your battery by adjusting the charge rate and discharge rate and personalize the settings to your needs.



APP DOWNLOAD

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WE LOOK FORWARD TO HEARING FROM *YOU!*

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OEM private label high energy density
and deep cycle battery manufacture.

