



NATIONAL BATTERY SUPPLY

 844-539-2555 (Toll Free)  Sales@NationalBatterySupply.com

 5416 W Sligh Ave. Suite 106 Tampa FL. 33634

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





Home Solar Energy Storage Battery Lithium Battery Technology

Home Solar Energy Storage Battery System
OEM/ODM



NBS (National Battery Supply)
www.nationalbatterysupply.com



Energy Storage Systems Solar Power Supply

The Benefits to Install Energy Storage System

1. Enhancing Energy Security
2. Making the most of Power
3. Environmentally friendly
4. Reducing Electricity Bills, Long Term Benefit

Why Choose Lithmate Energy Storage Battery

1. Safety Guaranteed
2. Long Cycle Life
3. High Compatibility with most Inverters
4. Modular Design, Flexible to Expand the Capacity
5. All-in One Solution
6. Easy Installation and Operation



POWER WALL Powerful Energy for Your House

- **Ultra Safe**
Built in BMS protection
- **High Compatibility**
Compatible with most of Inverters
- **Plug and Play**
Easy installation
- **Up to 15PCS in Parallel**
Support in parallel for larger capacity
- **All in One Solution**
We can provide battery+inverter+solar panel
- **Up to 6000 Cycles**
Longer cycle life



10x

10 Years Battery Design Life



Strong Powerful Energy



Super Safe for Family Use

**Colorful Metal Case for Choose
Your own logo printed welcome!**

Power Wall Specifications

Energy Capacity

5KWH
10KWH

Inverter(Optional)

3KW
5KW

Rated Voltage

48V
51.2V

Cell Type

LFP
3.2V 100Ah

Communication

RS485/RS232/CAN

Max.Continuous Discharge Current

100A(150A Peak)

Dimension

630*400*170mm(5KWH)
654*400*240mm(10KWH)

Weight

50KG for 5KWH
90KG for 10KWH

Display

SOC/Voltage/Current

Cell Configuration

16S/15S

Operating Temperature(°C)

-20-65

Storage Temperature(°C)

0-45



Home Solar Energy Storage Battery



- **10 Years Battery Life**
Design life up to 10 years
- **Modular Design**
5kwh modular design, flexible from 5kwh-20kwh
- **Built-in Inverter**
Built-in 5kw inverter
- **Ultra Safe**
Built-in smart BMS protection
- **Up to 6000 Cycles**
Longer cycle life
- **Maintenance Free**
No daily work and cost

NBS20KWH

Rated Energy(kwh) 21504Wh	Rated Capacity 420Ah	Cell Type LFP(LiFePO4 3.2V 105Ah)
Cell Configuration 16S4P	Rated Voltage 51.2V	Max. Charge Current 100A
Max.Discharge Current 150A	Maximum Voltage 58.4V	Max. Continuous Discharge Current(A) 100A
Display SOC/Voltage/Current	Communication RS485/RS232/CAN	Weight(KG) 225kg
Dimension(L*W*H)(mm) 600*370*1501mm	Operating Temperature(°C) -20-65	Storage Temperature(°C) 0-45
Private Label Print your own logo welcome!	Installation Location Ground-mounted	All in one Solution Yes, can provide complete system solution

Home Solar Energy Storage Battery

- **10 Years Battery Life**
Design life up to 10 years
- **Built-in Inverter**
Built-in 5kw inverter
- **Up to 6000 Cycles**
Longer cycle life
- **Modular Design**
5kwh modular, flexible from 5kwh-15kwh
- **Ultra Safe**
Built-in smart BMS protection
- **Plug and Play**
Easy installation



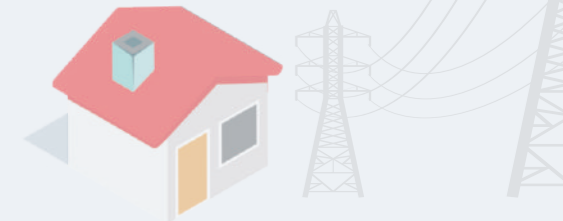
NBS15KWH

Rated Energy(kwh) 16128Wh	Rated Capacity 315Ah	Cell Type LFP(LiFePO4 3.2V 105Ah)
Cell Configuration 16S3P	Rated Voltage 51.2V	Max. Charge Current 100A
Max.Discharge Current 150A	Maximum Voltage 58.4V	Max. Continuous Discharge Current(A) 100A
Display SOC/Voltage/Current	Communication RS485/RS232/CAN/WiFi	Weight(KG) 200kg
Dimension(L*W*H)(mm) 564*582*1079mm	Operating Temperature(°C) -20-65	Storage Temperature(°C) 0-45
Private Label Print your own logo welcome!	Installation Location Ground-mounted	All in one Solution Yes, can provide complete system solution

RACK TYPE LiFePO4 BATTERY Modular Energy Storage System



- Design life up to 10 years
- 5 Years Warranty
- RS485/RS232/CAN
- 3U/5U
- Customized BMS Solutions
- Private logo welcome!



Ultra Safe
Built-in BMS protection

Free Maintenance
Zero maintenance, save cost in long term

Longer cycle life
Up to 6000 cycles

Heavier Power
Full capacity, heavier power

LiFePO4 Battery 48V (OEM/ODM Acceptable!)

Model	Nominal Voltage	Nominal Capacity	Energy(KWH)	Dimension(L*W*H)	Weight(KG)	Charge Current	Discharge Current
48V							
NBS 48050	51.2V	50Ah	2.56KWH	482.6*430.2*132.5mm	40KG	25A	50A
NBS 48100	51.2V	105Ah	5.37KWH	482.6*430.2*221.5mm	50KG	50A	150A
NBS 48200	51.2V	210Ah	10.75KWH	482.6*540.2*221.5mm	85KG	100A	150A

10KWH Floor Standing LiFePO4 Battery for Home Energy Storage

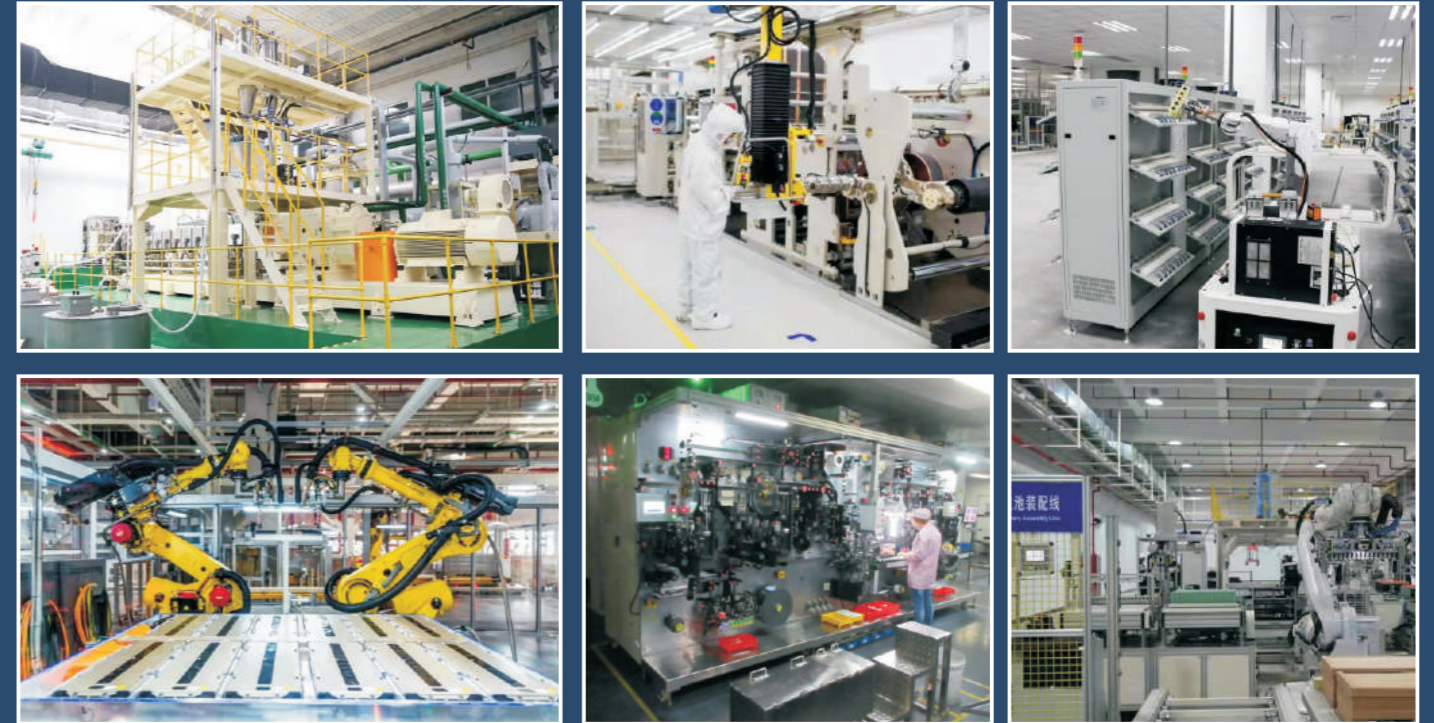
- **Safety Guranteed**
Built in BMS protection
- **Easy Installation**
Plug and Play
- **All in One Solution**
10kwh battery+solar panel+inverter
- **Maintenance Free**
No daily maintenance cost

- ✓ **Design Life up to 10 Years**
- ✓ **5 Years Warrany**
- ✓ **RS485 Communication**
- ✓ **With Display**
- ✓ **Customized BMS Solution**
- ✓ **Private Logo Welcomed!**



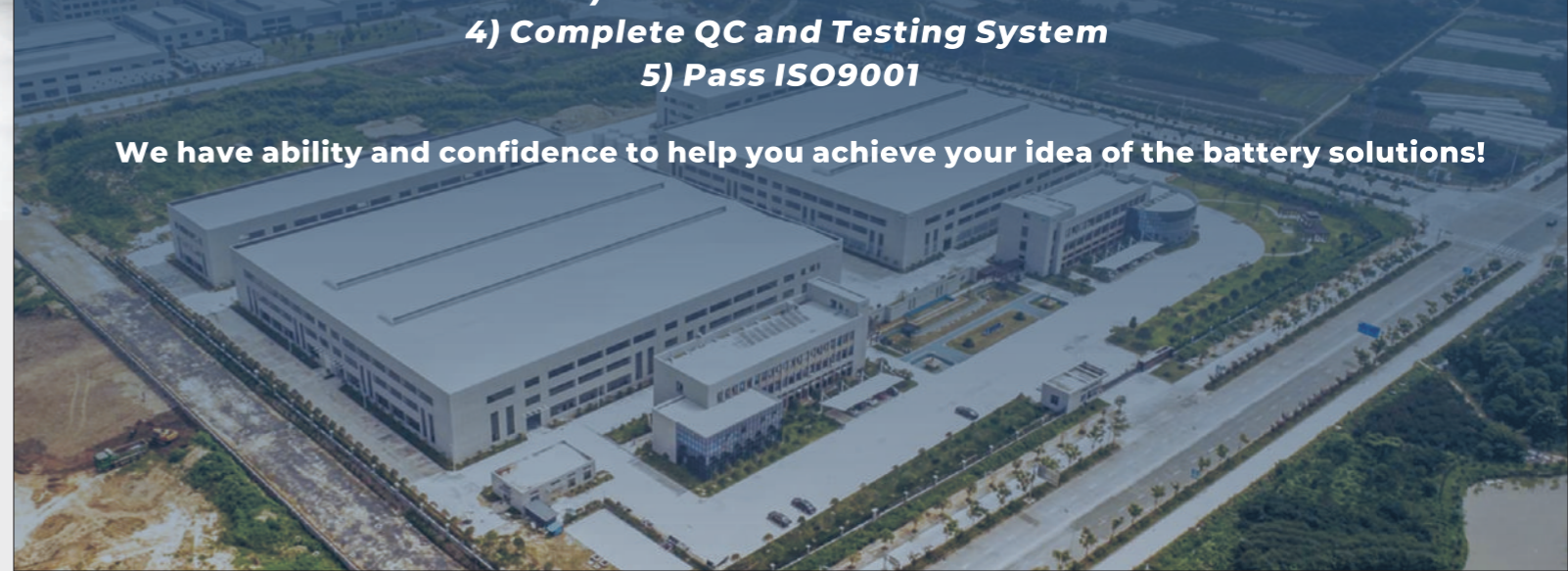
Item	Rated Voltage	Rated Capacity	Energy	Cut-off voltage	Max Charging Voltage	Charge Current	Continuous Discharge Current	Peak Discharge Current	Dimension	Weight	Working Temperature(°C)	Storage Temperature(°C)	Cycle Life
NBS48200													
Parameter	51.2V	204Ah	10KWH	40V	58.4V	100A	100A	150A	455*420*539mm	109KG	20-65	0-45	>6000 cycles

MACHINERY EQUIPMENT



- 1) Rich R&D Experience
- 2) Advanced Lithium Battery Solutions
- 3) Automatic Production
- 4) Complete QC and Testing System
- 5) Pass ISO9001

We have ability and confidence to help you achieve your idea of the battery solutions!





WE LOOK FORWARD TO HEARING FROM **YOU!**

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