



NATIONAL BATTERY SUPPLY

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 5416 W Sligh Ave. Suite 106 Tampa FL. 33634

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





## LiFePO4 Batteries For Golf Cart



NBS (National Battery Supply)  
[www.nationalbatterysupply.com](http://www.nationalbatterysupply.com)



# NBS LiFePO4 Batteries for Golf Cart

## Perfectly Drop-in Replacement for Lead Acid Batteries



## What You May be Concerned about?

**?** What kind of battery should i put in my golf cart?

**💬** We highly recommend the lifepo4 batteries for golf cart.



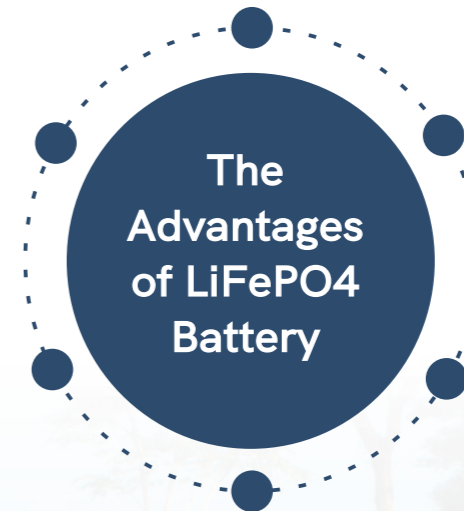
**LIGHT WEIGHT**  
Around 70% lighter than lead acid batteries



**ULTRA SAFE**  
High stability and safety



**FREE MAINTENANCE**  
No daily maintenance save work and cost



**LONG CYCLE LIFE**  
Up to 4000 cycles



**GOOD TEMP. PERFORMANCE**  
-20-65°C  
-4-149°F



**LOW SELF DISCHARGE**  
Self discharge <3% per month





**? Can it support high discharge current? good for climbing hills?**

Yes, Built-in customized BMS, Support high discharge current 150A/200A/250A/300A optional, much powerful for your golf cart

**? How can i monitor my golf cart batteries?**

By Bluetooth Monitoring  
Lithmate neutral Bluetooth APP or customize your own brand APP

**? We are golf carts leasing companies, can we track the carts via monitoring the batteries?**

Yes! GPS function highly recommended!

**? How to charge my golf carts batteries?**

We can provide chargers specially designed for golf cart batteries



**HIGH EFFICIENTY**

22A output current, high-efficiency performance for electricity savings and shorter charge time.



**HIGH RELIABILITY**

Aluminum Casting Shell  
IP66 Protection Level



**SAFE PERFORMANCE**

Input low-voltage & over-voltage protection, temperature protection  
Output short circuit/reverse polarity protection  
Output over-current/over-voltage protection  
Automatic shutdown when fully charged



# NBS LiFePO4 Batteries Better for your golf cart

**10x 10 YEARS**  
BATTERY DESIGN LIFE

**GPS**

**>4000**  
CYCLES

**Bluetooth**

**ZERO**  
MAINTENANCE

**5 YRS**  
WARRANTY

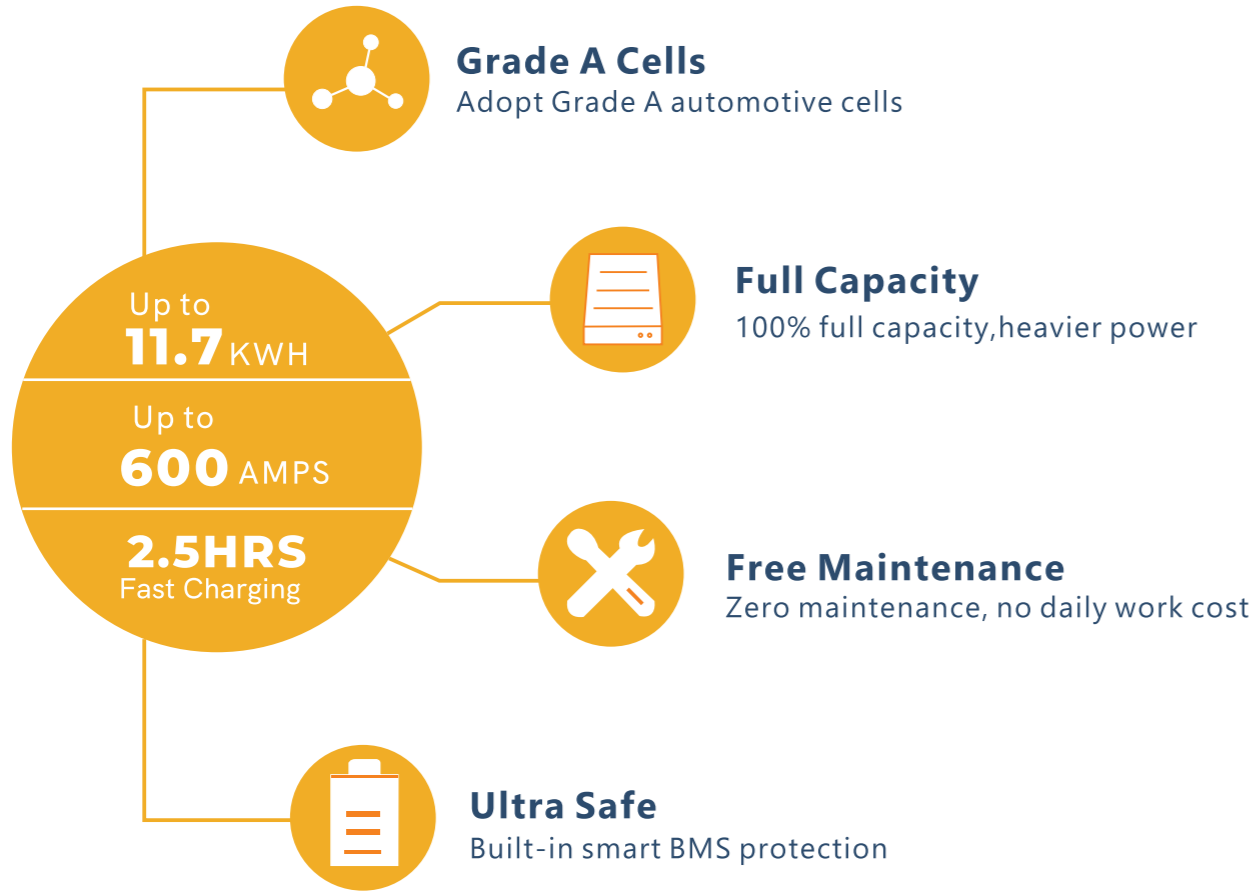


- 36V/48V/72V System
- Customized BMS Solution
- High Current 150A/200A/250A/300A
- Customized Internal/External Display
- Heating Function Optional

**Drive Longer!**



# Longer, Safer, More Durable



## LiFePO4 Battery Specification for Golf Carts(OEM/ODM Acceptable!)

Model	Nominal Voltage	Nominal Capacity	Energy (KWH)	Dimension (L*W*H)	Weight KG(lbs)	Cycle Life	Mileage Per Full Charging	Standard Charge	Standard Discharge	Max Discharge	Quick Charge	Standard Charge	Self Discharge Per Month	Casing Material	IP Rating
<b>36V</b>															
NBS3650	38.4V	50Ah	1.92KWH	385*338*245mm	27KG(59.52lbs)	>4000 times	Up to 15-20 miles	22A	50A	200A	2.0h	5.0h	<3%	Steel	IP67
NBS36100		105Ah	4.032KWH	385*338*245mm	34KG(74.96lbs)	>4000 times	Up to 30-40 miles	22A	100A	200A	2.0h	5.0h	<3%	Steel	IP67
<b>48V</b>															
NBS4850	51.2V	50Ah	2.56KWH	416*334*232mm	35KG(77.16lbs)	>4000 times	Up to 20-30 miles	22A	50A	200A	2.0h	2.5h	<3%	Steel	IP67
NBS48105		105Ah	5.376KWH	472*334*243mm	43.6KG(96.12lbs)	>4000 times	Up to 40-50 miles	22A	250A	500A	2.5h	5.0h	<3%	Steel	IP67
NBS48160		160Ah	8.192KWH	827*330*232mm	72KG(158.73lbs)	>4000 times	Up to 60-70 miles	22A	250A	500A	3.0h	5.0h	<3%	Steel	IP67
<b>72V</b>															
NBS72105	73.6V	105Ah	7.728KWH	740*320*245mm	64KG(141.10lbs)	>4000 times	Up to 60-70 miles	15A	250A	500A	2.5h	7.0h	<3%	Steel	IP67
NBS72160		160Ah	11.77KWH	800*475*221mm	115KG(253.53lbs)	>4000 times	Up to 90-106miles	15A	250A	500A	3.0h	10.0h	<3%	Steel	IP67

Lithmate Support Customized Voltage and Capacity  
Welcome to Contact Us to Know More Information

# 12V 24V LiFePO4 Batteries for Golf Trolley

- ✓ Grade A 32650 Cylindrical LiFePO4 Cell
- ✓ Lighter in Weight
- ✓ Longer cycle life
- ✓ Safer with built-in BMS
- ✓ T Bar with Anderson connector and package bag optional



## Golf Trolley Battery

12V 18Ah LiFePO4 Battery		12V 24Ah LiFePO4 Battery		24V 30Ah LiFePO4 Battery	
Item	Parameter	Item	Parameter	Item	Parameter
Battery Energy	230.4Wh	Battery Energy	307.2Wh	Battery Energy	768Wh
Rated voltage	12.8V	Rated voltage	12.8V	Rated voltage	25.6V
Rated capacity	18Ah	Rated capacity	24Ah	Rated capacity	30Ah
Max charge voltage	14.6V	Max charge voltage	14.6V	Max charge voltage	29.2V
Cut-off voltage	10V	Cut-off voltage	10V	Cut-off voltage	20V
Charge current	4A	Charge current	4A	Charge current	15A
Continuous discharge current	25A	Continuous discharge current	25A	Continuous discharge current	30A
Peak discharge current	25A	Peak discharge current	25A	Peak discharge current	60A
Dimension	168*128*75mm	Dimension	168*128*101mm	Dimension	220*230*220mm
Weight	2.3Kg	Weight	2.9Kg	Weight	8.2Kg

## 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 competence and confidence in helping you achieve your ideas of battery solutions!

## ABOUT US

- 1. 16 Years lithium battery experience
- 2. All technical engineers from China Top 3 Companies like BYD, CATL, HUAWEI
- 3. Your professional, strong, trusted partner in Motive Power Battery solutions, energy storage solutions and lithium iron phosphate replacing lead acid batteries
- 4. More than 100 Patents in BMS, Module, PCB Structure, etc.

### COMPANY ADVANTAGE

16

Over 16 years industry experience



Professional R&D and Sales Team



OEM & ODM Acceptable



Reliable Product Quality



Short Lead Time



After-sales Service Guarantee

Choose Lithmate, We Provide You with A Satisfying Solution





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

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