

# 72V 200Ah

## Golf Cart / Sightseeing Car Lithium-ion Battery S72200P



### Redway Power OEM / ODM Golf Cart, Sightseeing Car Lithium-ion Batteries

Our Factories specializes in providing a diverse selection of battery sizes and configurations to cater to a wide range of applications for the 2-seat, 4 Seat, 6-seat, 8-seat, 10-seat, 12-seat, 14-seat Golf Carts, Sightseeing Car, Electric Rickshaw, Electric Scooter, etc. Whether you need standard battery options or have unique power requirements, our team of experienced engineers is here to assist you throughout the entire process of designing, developing, testing, and manufacturing custom battery solutions tailored to your specific needs. Feel free to reach out to us today to learn more about our comprehensive range of battery solutions and how we can create a customized solution for you.



#### High-Rate Cells

High peak discharge rate.



#### Long Lifespan

Excels in longevity, offering reliable power.



#### High Safety

Advanced Smart BMS Protection.



#### Maintenance-free

No maintenance required, No need to replace the battery for several years.



#### EV Grade-A Cells

Deep Cycles and Low Self Discharge Rate



#### Original Factory Price

Redway Own Factories, Low Price.

## General Specifications

Battery Cell Type	LiFePO4
Nominal Voltage	76.8V
Nominal Capacity	200Ah
Nominal Energy	15.36kWh
Standard Charge Current	40A (5 Hours)
Max. Charge Current	200A (Continuous)
Max. Discharge Current	200A (Continuous)
Max. Peak Discharge Current	315A (30S)
Charge Voltage	87.6V
Discharge Cut-off Voltage	60V
IP Rating	IP67
Internal Series / Parallels	24S1P
Stroke Per Full Charge	150~200 km (100~120 miles)
Cycle Life	>6000 cycles (DOD 80% @25°C)
Charge Temperature	0°C ~ 60°C
Discharge Temperature	-20°C ~ 60°C
Self Discharge Rate	2% Per month
Battery Shell	Metal
Battery Shell Colors	Black, Gray, White, Yellow, Blue, Red, etc.
Silk Screen / Label	Customizable
User Manual	Customizable
Design Life	10 Years
Warranty	3 Years
BMS Protection	Advanced Smart BMS Monitoring SOC, system voltage, current, cell voltage, cell temperature, PCBA temperature measurement, over-charge, overdischarge, overcurrent, overvoltage, low-voltage, over-temperature, shortcircuit, anti-theft, etc.
Optional Upgrades	Bluetooth, APP, Wi-Fi, 4G, 5G, GPS, Galileo, RS485, RS232, CAN-bus, LCD Screen, Active Balance, Anti-theft, LED indicator light, TACP, SNMP, Fan, Heatsink, Built-in Solar MPPT, Thermal aerosol fire suppression device, Self-heating, etc.

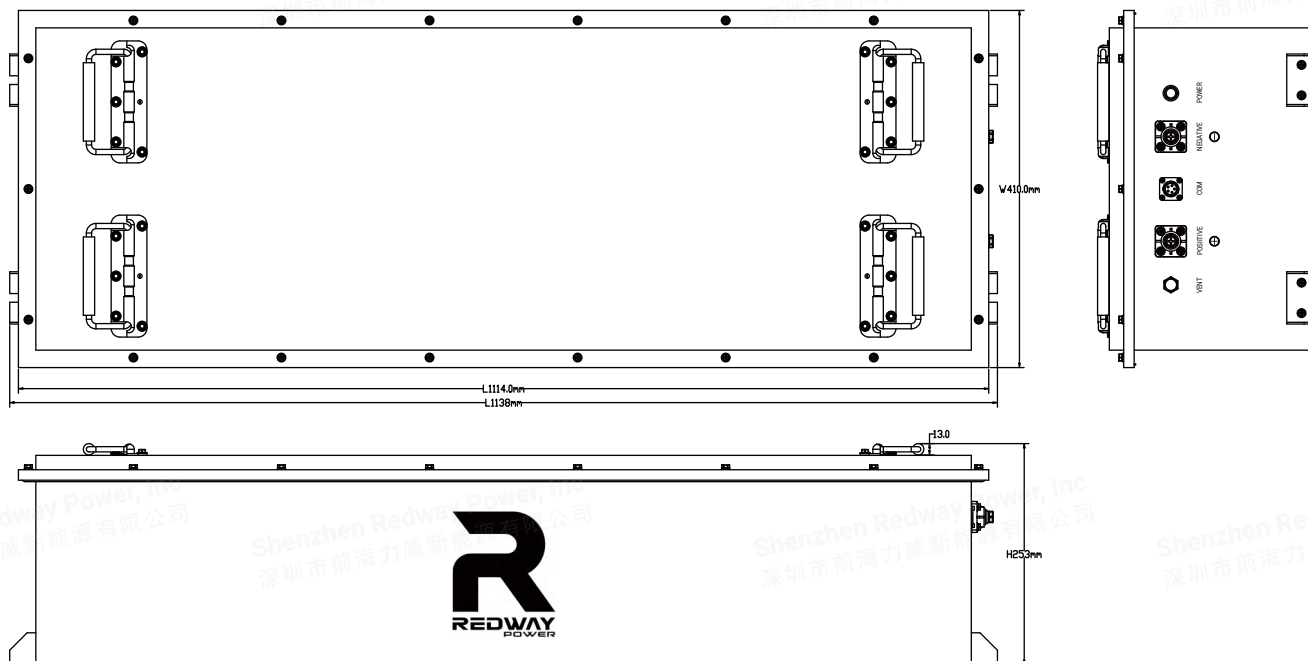
## Mechanical Specifications

Dimensions [L\*W\*H] 1138\*410\*253 mm

Weight 125 kg (275.5 lbs)

Note:

\* Dimensions and weight differ slightly for each batch. Contact Redway for additional information.



正反两面丝印Logo (宽度120mm) / 黑底白字  
72V200Ah/产品尺寸1138x410x253mm





REDWAY POWER  
Lithium-Ion Phosphate Battery  
48V 105Ah 6.28kWh  
LiFePO4

REDWAY POWER  
Lithium-Ion Phosphate Battery  
72V 105Ah 8.28kWh  
LiFePO4

REDWAY POWER  
Lithium-Ion Phosphate Battery  
51.2V 105Ah 5.37kWh  
LiFePO4

REDWAY POWER  
Lithium-Ion Phosphate Battery  
51.2V 56Ah 2.68kWh  
LiFePO4

REDWAY POWER  
Lithium-Ion Phosphate Battery  
38.4V 80Ah 3.07kWh  
LiFePO4

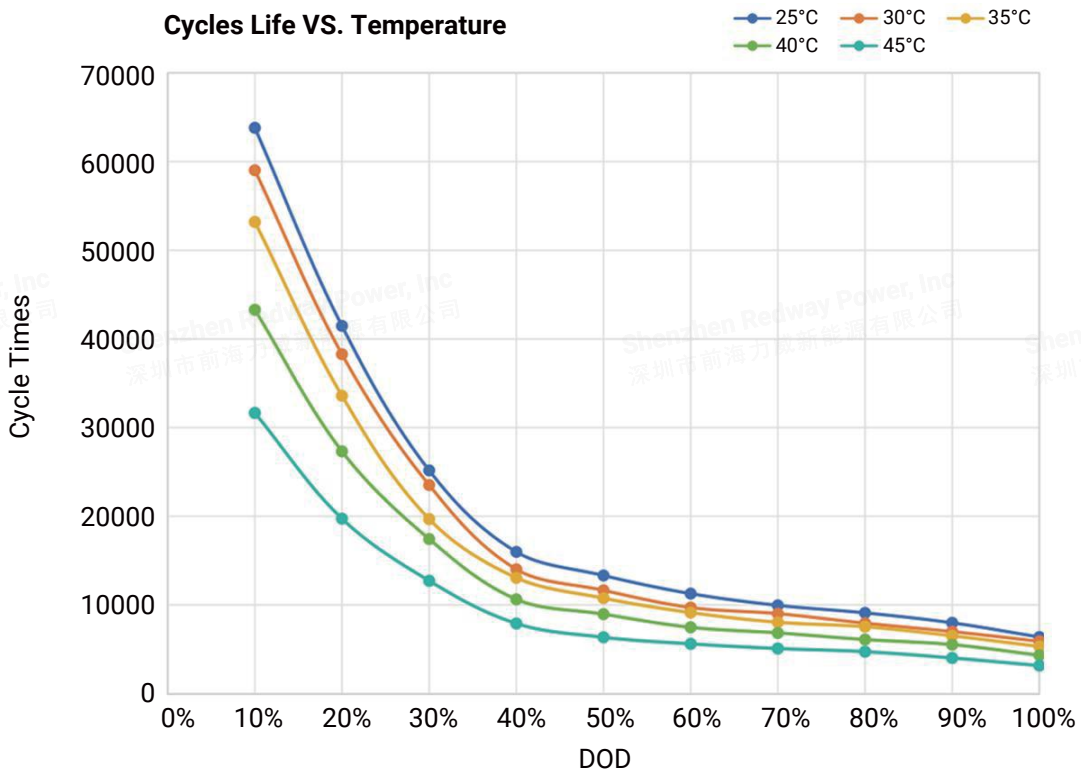
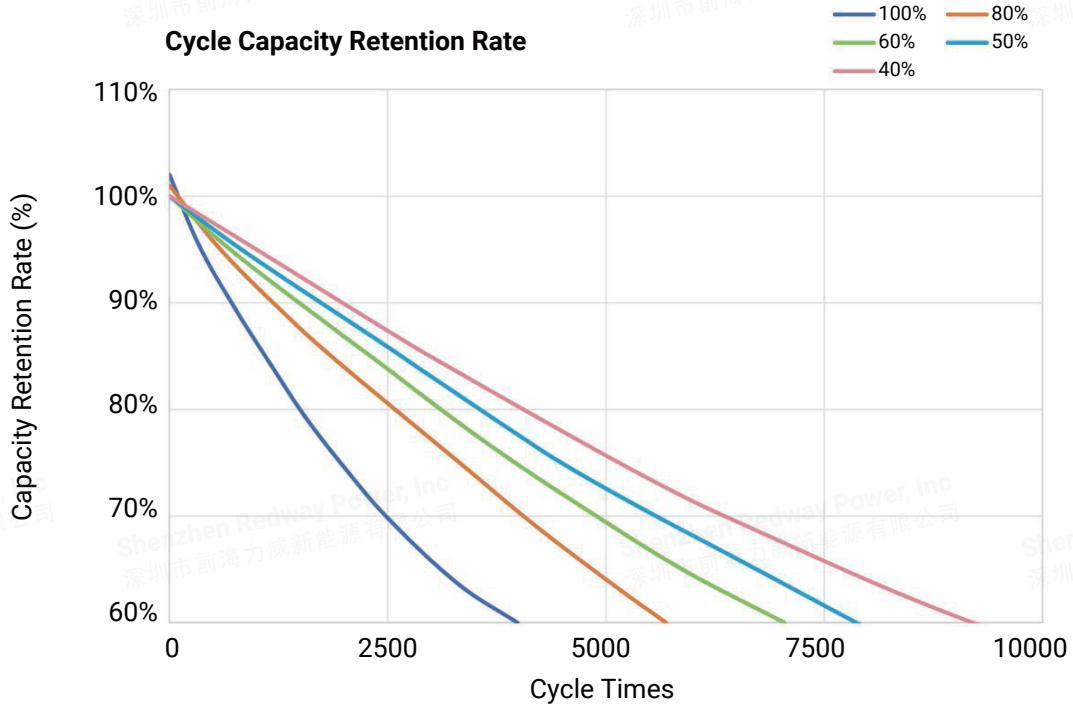
REDWAY

## Cycle Life Testing Report

The data source is based on reliable laboratory measured data for computational deduction.

### Battery Test Environment and Conditions

Temperature	25°C
Charge & Discharge Rate	0.5C
EOL	60%
DOD	X%



## Bluetooth APP Demo

Our APP can be operated by both Android and IOS. It establish a Bluetooth connection between your smart phone and the battery, usages includes below: managing the battery pack, gathering the data and displaying them, conducting modifications on settings. Bluetooth APP can achieve below functions:

1. Friendly APP interface, customizable interface UI.
2. Display the basic data of battery pack.
3. Modifying the communication between BMS and inverter.
4. Setting Alert Parameters and Switch On/Off.
5. Supports Android and iOS mobile operating systems.
6. Capable of real-time viewing and recording of battery status information.
7. Readable and writable real-time parameters of the BMS system.
8. Bluetooth module upgrades can be implemented through the APP.
9. Software upgrades for the BMS module.
10. Capable of networking and operating Bluetooth.
11. Wi-Fi configuration via Bluetooth.
12. Support Single and Parallel operation.
13. Shift between Chinese and English.



**Note:**

\* This is just a demonstration interface, the standards for voltage and capacity vary among different batteries.