

36V 50Ah

Golf Cart / Sightseeing Car Lithium-ion Battery \$3856



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.



Original Factory Price Redway Own Factories, Low Price.



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

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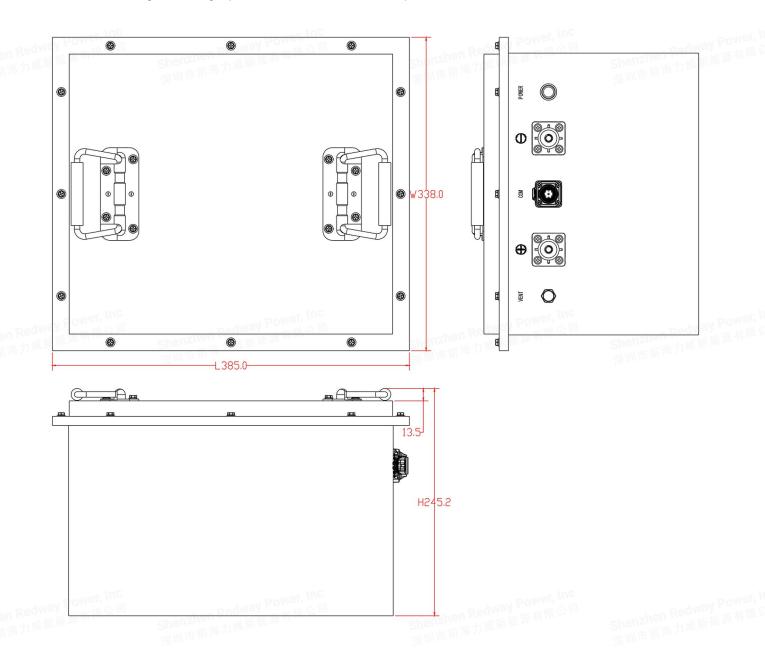
Concern Crossifications	
General Specifications	
Battery Cell Type	LiFePO4
Nominal Voltage	38.4V
Nominal Capacity	56Ah
Nominal Energy	2.15kWh
Standard Charge Current	22A (2.5 Hours)
Max. Charge Current	50A (Continuous)
Max. Discharge Current	50A (Continuous)
Max. Peak Discharge Current	200A (10S)
Charge Voltage	43.8V
Discharge Cut-off Voltage	30V
IP Rating	IP67
Internal Series / Parallels	12SIP
Stroke Per Full Charge	24~32 km (15~20 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]	385*338*245 mm			
Weight	27 kg (59.5 lbs)			

Note:

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







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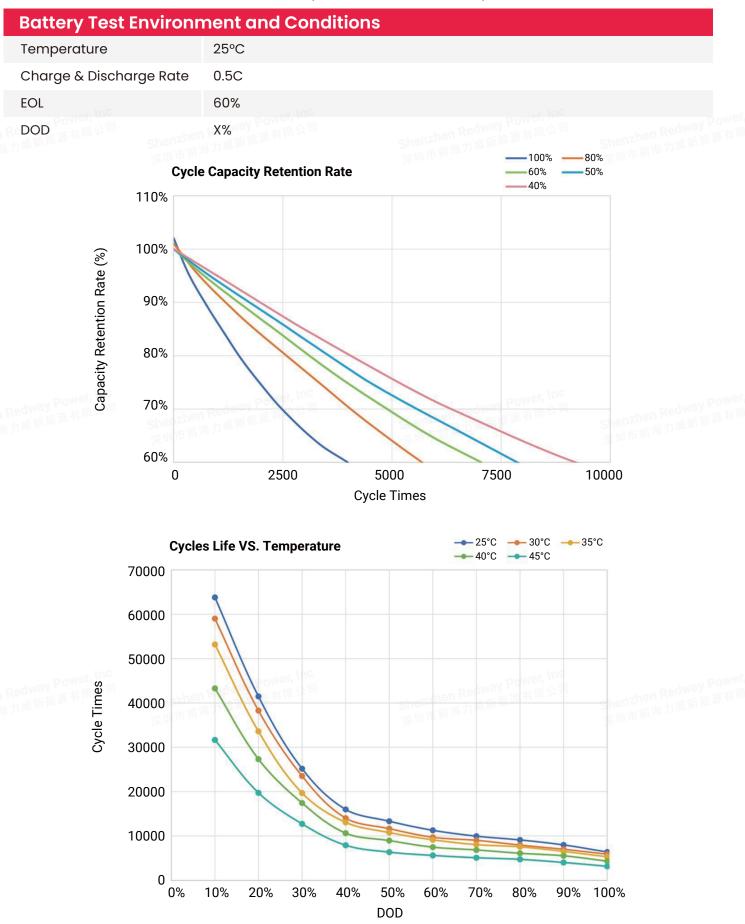
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Cycle Life Testing Report

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



REDWAY Shenzhen Redway Power, Inc 深圳市前海力威新能源有限公司

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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.

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SS/	•		Cell 2 Voltage	3.279V	communication module SN	0	
a 有限公司 Shen	zhen Reon.	F能源有限公	Cell 3 Voltage	chenzhei3.275v	BMS Program Version BMS BOOT Version	2.1.1 chen 2.52	dway Pr
			Cell 4 Voltage	Sment	SOC	Sneriasz 深圳市前海	A PERSONAL PROPERTY
Estimated_Remain Estimated_Remain			Cell 5 Voltage	3.284V	Charge MOS Status	On	
			Cell 6 Voltage	3.283V	Discharge MOS Status	On	
Battery Status			Cell 7 Voltage	3.283V	Cell Num	15strand	
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	nperature Cel ℃)	ll Status	Cell 10 Voltage	3.288V	Cell 2 Temperature	26°C	
Call Vallage			Cell 11 Voltage	3.267V	Cell 3 Temperature Cell 4 Temperature	26°C	
Cell Voltage			Cell 12 Voltage	3.278V			
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Note:

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