



## Innovative Lithium Battery As Ideal Lead Acid Replacement For Superior Performance

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: XWELL
- Certification: UN38.3, MSDS, UL, CB, BIS, PSE, GB4943.1 safety standard, CE, FCC, ROHS, battery UN38.3, MSDS, UL, CB, BIS, PSE
- Model Number: XW-LAR128200
- Minimum Order Quantity: 1 pcs
- Price: negotiable
- Packaging Details: Carton
- Delivery Time: 7-10 working days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 5000 pcs per month



#### Product Specification

- Titular Capacity: 200AH
- Nominal Energy: 2560WH
- Configuration: 4S2P
- Utmost Charge Current: 100A
- Battery Cell: Prismatic Kind
- Nominal Voltageage: 12.8V
- DC Resistance:  $\leq 10\text{m}\Omega$
- Terminal Kind: F1 Connector
- Cover Sealing Type: Screw / Gel Sealing Optional
- Impervious To Water: IP65
- Highlight: **Innovative Lithium Battery,  
Lead Acid Replacement Lithium Battery,  
Superior Performance Lithium Battery**

## Product Description

### Solar Battery OEM LiFePO4 Lithium Batteries Rechargeable To Replace Lead Acid For LED Light With Self-Developed BMS

#### Lithium Battery Replacement Lead-Acid Features

1. 12V,24V,48V LiFePO4 pack,safe and reliable
2. 3 years warranty,5 years life design, stable quality, and excellent performance.
3. Build a smart BMS system to optimize the performance.
4. With a 1.2A cell equalizer, can balance all cells in a short time.
5. Max discharge current up to 150A, compatible with solar system.
6. Excellent standing self-consumption is as low as 4mA.
7. All-around protection and unattended operation.
8. Optional for LCD display or communication(CAN/RS485/RS232).

#### Lithium Battery Replacement Lead-Acid Specification

Model	12.8V7Ah	12.8V12Ah	12.8V50Ah	12.8V100Ah	12.8V200Ah
Nominal Voltage	12.8V				
Nominal Capacity @25C	7AH	12AH	50AH	100AH	200AH
Nominal Energy @25°C	89.6WH	153.6WH	640WH	1280WH	2560WH
Battery Cell Type	Cylinder		Prismatic 50Ah	Prismatic 100Ah	Prismatic 100Ah
Configuration (xSxP)	4S1P	4S2P	4S1P	4S1P	4S2P
Max. Continuous Charge Current @25°C	7A	12A	50A	100A	100A
Max. Continuous Discharge Current @25°C	7A	12A	50A	100A	100A
DC Resistance	≤10mΩ				
Full Charged Voltage	14.6V				
Discharge Cut-off Voltage	10V				
Operate Temperature Range	Charge: 0°C~55°C; Discharge: -20°C~60°C; Storage: -20°C~45°C				
Dimension (mm)	152x65x94mm	152x99.5x100mm	229x138x208mm	326x171x215mm	522x240x218mm
Weight (KG)	1.1KG	1.7KG	7KG	12.5KG	25KG
Terminal Type	F1 terminal		Screw terminal		
Cover Sealing type	Screw / gel sealing optional				
Waterproof	IP65				
Cycle life	100% DOD Cycles @ 25xC 1C/1C: >2000 times80% DOD Cycles @ 25C 1C/1C: >6000 times50% DoD Cycles @ 25C, 1C/1C: >5000 times				
LCD Screen Display	Optional (Show voltage V, Power %)				
Bluetooth	Optional (Bluetooth with mobile APP)				
Series and Parallels Function	Available to make in series and parallels to get 24V, 36V, 48V				
Heating Function	Optional, Suitable for cold area application				

#### Our Advantages

Professional Technical Team, Xwell's R&D technical team has recieved more than 20 invention and application patents.

Professional Sales Team, xwell poccesses well-trained sales team which helps customers addressing difficulty meeting in battery or battery solution selecting.

Unique Pack Technique, xwell possesses special pack technique to better protect the battery and increase the life span of the battery pack.

Puntual Delivery, xwell has strict production plan to promise on time delivery.

Safety Certification Gurantee, Most products have been certified according to international standard including CE,MSDS,UN38.3.etc.

Perfect after Sales-service, xwell has a professional QC team which applies strict quality control on production and provide perfect after-sale service to customers



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