



## 7ah 12v Solar Lithium Battery , Lifepo4 Deep Cycle Battery For Lead Acid Battery Replacement

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-LAR1287
- 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

- Voltage: 12.8V
- Capacity: 7AH
- Energy: 89.6WH
- Battery Cell: Cylindrical Type
- Configuration: 4S1P
- Max Charge Current: 7A
- DC Resistance:  $\leq 10\text{m}\Omega$
- Terminal Type: F1 Connector
- Cover Sealing Type: Screw / Gel Sealing Optional
- Waterproof: IP65
- Highlight: 7ah 12v Solar Lithium Battery,  
Deep Cycle 12v Solar Lithium Battery,  
Lead Acid Lifepo4 Deep Cycle Battery

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## Product Description

### Solar Rechargeable Lithium Battery 12V 7ah Deep Cycle LiFePO4 Battery Pack For Lead Acid Battery Replacement

#### Lithium Battery Replacement Lead-Acid Description

Xwell Series Lithium Iron Phosphate ( LiFePO4 )Battery is the popular choice for users for its many advanced features. This battery systems are popular for their fast charging ability, high energy density, conversion efficiency, environment friendliness, high cycle times, good high temperature performance and many more useful features.

#### Cycle life & Light weight

1. 3000+ cycles at 100% D.O.D. (Depth of Discharge).
2. Higher energy density compared to lead acid batteries, the battery weight is reduced considerably .
3. Only approx. 30% weight of equivalent lead acid battery, which making it easy handling, more robust.

#### 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 @ 25x1C/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 pocesses 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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