



## 12.8V 7Ah 89.6wh Lithium Battery Lead Acid Replacement With Cylindrical Cell

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

- Nominal Voltage: 12.8V
- Nominal Capacity: 7AH
- Nominal Energy: 89.6WH
- Battery Cell Type: Cylindrical
- 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: 12.8V Lithium Battery Lead Acid Replacement, 7Ah Lithium Battery Lead Acid Replacement, 89.6wh lead acid lithium battery

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## Product Description

### 12.8V 7Ah 89.6wh Lithium Battery Replacement Lead-Acid Battery With Cylindrical Cell

#### Lithium Battery Replacement Lead-Acid Description

The Lead Acid Replacement Battery Series provides a high cost-effective and low maintenance cost replacement solution. The series offers voltage of 12V and 24V to meet different energy needs. The series features A-grade lithium iron phosphate cells with a cycle life of over 3000 times, built-in BMS for safety protection, and supports RS485/RS232/CAN communication protocols. The series is also compatible with various energy storage inverters on the market, providing more stable and durable energy storage and output. Compared to traditional lead acid batteries, the Lead Acid Replacement Battery Series has a longer service life and higher energy density, improving the efficiency and reliability of the entire energy system.

#### Lithium Battery Replacement Lead-Acid Feature

1. A-Grade Cells: High safety, long cycle life, and environmental friendly.
2. User-friendly: Easy to use with touch screen.
3. Deep customization: Can be tailored to specific needs with easy expansion and customization.
4. High power output: Has high power output, suitable for high-power devices.

#### Lithium Battery Replacement Lead-Acid Specification

Model	12.8V7Ah	12.8V12Ah	12.8V50Ah	12.8V100Ah	12.8V200Ah
Nominal Voltage	12.8V				
Nominal Capacity @25°C	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 services

1. Your inquiry related to our products price will be replied in 24 hours.
2. Experienced staffs to answer all your enquiries in fluent English
3. We make the OEM and ODM service for more than 5 years
4. Protection of your sales area, ideas of design and all your private information.
5. No matter big order or small order, we will provide all the best quality, best service.
6. If our products have any problem that we caused, they will be sent free in the next order.



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