



12.8V 100AH Lithium Battery Lead Acid Replacement , Deep Cycle Lifepo4 Battery IP65

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-LAR128100
- 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 Capacity: 100AH
- Nominal Energy: 1280WH
- Max Charge Current: 100A
- Battery Cell: Prismatic Type
- Configuration: 4S1P
- Nominal Voltage: 12.8V
- 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, Lithium Battery Lead Acid Replacement 100AH, Deep Cycle Lifepo4 Battery IP65

Product Description

12.8V 100AH Lead Acid Replacement Deep Cycle LiFePO4 Lithium Battery IP65 ABS Plastic Case Solar Energy System

Lithium Battery Replacement Lead-Acid Features

Designed to replace the most popular lead-acid models, ABS lithium iron phosphate batteries are widely used in UPS and energy storage systems. These are also suitable for applications such as RV battery. Our company specialises in offering the 24V, 12V range of Lithium Iron Phosphate batteries built into rectangular plastic cases, which can replace most popular AGM lead acid battery sizes for UPS, emergency lighting, security, e-bikes or other applications where the customer requires a longer application life and/or higher cycle capacity and an affordable price point. These Li-ion batteries operate at normal atmospheric pressure and are therefore very safe, while having the high energy density and light weight you would expect. Our LiFePO4 batteries can operate over a wide temperature range of -20 to +60 degrees Celsius and can be cycled over 3,000 times. They are approximately 1/3 the weight of an equivalent lead-acid battery and have a built-in BMS (battery management system) with overload, overcharge, overdischarge, balancing and high temperature protection.

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 Advantages

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

Professional Sales Team, Xwell possesses well-trained sales team which helps customers address 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.

Punctual Delivery, Xwell has strict production plan to promise on time delivery.

Safety Certification Guarantee, 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 provides perfect after-sale service to customers.



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