



LBP 12.8V 100Ah ECO Lithium Battery For Stable Power Supply

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-LAR256120
- 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

- Battery Capacity: 120AH
- Battery Energy: 3072WH
- Battery Configuration: 8S And 2P
- Cell Name: Prismatic Cell
- Max Charge Current: 50A
- 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: **LBP 100Ah Lithium Battery, ECO Lithium Battery, 12.8V 100Ah Lithium Battery**

Product Description

LBP 12.8V 100Ah ECO Lithium Battery

Lithium Battery Power12.8V 100Ah Lithium Ion Battery is a high-performing deep cycle battery built on patented Lithium Iron Phosphate (LiFePO₄) chemistry. The LBP2450 features a built in automatic battery management system (BMS) that keeps the battery running at peak performance while preventing overheating, overcharging, and maximizing cell cycle life. This is a plug and play option for applications that currently uses a lead acid, gel, or AGM style battery.

Lithium Battery Replacement Lead-Acid Specification

| Model | 25.6V50Ah | 25.6V100Ah | 25.6V120Ah |
|---|--|-----------------|-----------------|
| Nominal Voltage | 25.6V | | |
| Nominal Capacity @25C | 50AH | 100AH | 120AH |
| Nominal Energy @25°C | 1280WH | 2560WH | 3072WH |
| Battery Cell Type | Prismatic 50Ah | Prismatic 100Ah | Prismatic 120Ah |
| Configuration(xSxP) | 8S1P | 8S2P | 8S2P |
| Max.Continuous Charge Current @25°C | 7A | 12A | 50A |
| Max. Continuous Discharge Current @25°C | 7A | 12A | 50A |
| DC Resistance | ≤10mΩ | | |
| Full Charged Voltage | 29.2V | | |
| Discharge Cut-off Voltage | 20V | | |
| Operate Temperature Range | Charge: 0°C~55°C; Discharge: -20°C~60°C; Storage: -20°C~45°C | | |
| Dimension (mm) | 326x171x215mm | 522x240x218mm | 522x240x218mm |
| Weight(KG) | 12.5KG | 25KG | 28KG |
| 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 | | |

Why choose us?

Xwell is a national high-tech company focusing on lithium-ion battery packaging, design, production and sales.

The company was established in June 2017 with a registered capital of 5 million yuan.

The company has passed ISO 9001:2015 quality management system certification ISO14001:2015 environmental management system certification, QC080000 hazardous substance management system certification. The products have passed CE, CQC, RoHS, UN38.3, BIS and other certifications.

We adhere to the continuous independent innovation ability, excellent development and design ability and reasonable business positioning to provide customers with solutions to meet their different product needs. The company's business scope covers household energy storage, outdoor energy storage power supply, commercial energy storage system, photovoltaic energy storage system, security, medical treatment, precision instruments, intelligent travel, artificial intelligence, electric tools, unmanned aerial vehicles, ships 3C consumer electronics and other new energy fields. With efficient management.

Relying on efficient management, reasonable price and perfect technical support, we strive to become a leader in the energy storage industry and create high-quality energy storage products to bring users a better experience.



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