



## Rechargeable Lithium Battery Lead Acid Replacement , 24v 50ah Lithium Ion 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-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

- Nominal Capacity: 50 To 120AH
- Nominal Energy: 1280 To 3072WH
- Configuration: 8S1P To 8S2P
- Cell: Prismatic Type 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: **Rechargeable Lithium Battery Lead Acid Replacement**  
 , 50ah Lithium Battery Lead Acid Replacement,  
 24v 50ah Lithium Ion Battery IP65

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## Product Description

### Rechargeable LiFePO4 25.6V 50Ah 100Ah 120Ah Lithium Ion Battery 24V Battery For Lead Acid Battery Replacement

#### Easy to replace lead acid battery

Xwell Lithium iron phosphate battery BMS also allows the battery can be charged fully with standard lead-acid characteristic curves charger, which means replacement for original lead acid battery become easy. However, we suggest you buy our matched Lithium iron phosphate battery charger to achieve 2 hour fully charge ability .

#### Fast charging ability

Xwell lithium iron phosphate batteries can be easily fully-charged within a very short time due to large amps charging acceptance. it is able to accept up to 1C (1 x rated capacity) continuous charging amps which makes the battery can be fully charged within 2 hour. this feature will greatly improve the load service efficiency .

#### Lithium Battery Replacement Lead-Acid Specification

| Model                                   | 25.6V50Ah                                                                                                                  | 25.6V100Ah      | 25.6V120Ah      |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|
| Nominal Voltage                         | 25.6V                                                                                                                      |                 |                 |
| Nominal Capacity @25°C                  | 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 @ 25°C 1C/1C: >2000 times80% DOD Cycles @ 25°C 1C/1C: >6000 times50% DoD Cycles @ 25°C, 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 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.

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 provide perfect after-sale service to customers



**XWELL** GUANGDONG XWELL TECHNOLOGY CO., LTD.

+86 18620492985

sales@esslithiumbattery.com

esslithiumbattery.com

Room 322, Building 3, No. 801, Qiaoxing Avenue, Xiaoluo Village, Shatou Street, Panyu District, Guangzhou, China