



24V 25.6V 100ah ESS Lithium Battery Deep Cycle Prismatic Type 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-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: 50 100 120AH
- Battery Energy: 1280 2560 3072WH
- Battery Configuration: 8S1P 8S2P
- Battery Cell: Prismatic Type Cell Battery
- 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: **100ah ESS Lithium Battery ,
25.6V ESS Lithium Battery ,
Prismatic deep cycle lithium battery**

Product Description

Custom-Made 24V 25.6V 100ah Deep Cycle Lithium Battery For Solar UPS ESS Lithium Battery

ESS Lithium Battery Features

1. You can read the battery data through computer, bluetooth, mobile phone.
2. You can read the battery data on computer: single cell voltage, capacity, temperature, cycles, etc.
3. You can read battery data on cell phone: include single cell voltage, capacity, current, battery pack total voltage, total capacity, temperature, cycles, etc.

ESS Lithium Battery Functions

1. Over charge protection(to prevent battery overcharging)
2. Over current protection(to prevent battery over current)
3. Short circuit protection(Automatically Cut off and Recovery)
4. Over discharge protection(to prevent battery over discharging)
5. Over temperature protection(to prevent a high temp. and ensure a safe life)
6. Cell balancing function(to balance the single cell voltage and ensure a long cycle life)

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 times 80% DOD Cycles @ 25°C 1C/1C: >6000 times 50% 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 a 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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