



## 6000 Cycle Lithium Battery Storage for Sustainable Energy Supply

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: GDQ
- Certification: UN38.3 MSDS CE
- Model Number: WMB100
- Minimum Order Quantity: 8 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



GDQX-100AH Wall mounted battery

#### Product Specification

- Voltage: 48V / 51.2V
- Capacity: 100Ah
- Cycle Life: >6000 Cycles @ 0.5C, 80% DOD
- Operating Temperature: -20°C To 60°C
- Communication Method: CANBUS/RS485
- Max Discharge Current: 100A
- Highlight: **48v lithium battery storage,  
100a lithium battery storage,  
48v commercial energy solutions**

## Product Description

### 6000 Cycle Lithium Battery Storage for Sustainable Energy Supply

# 100AH Wall mounted battery

1. No maintenance required
2. Support CANBUS/RS485 communication
3. Supports the connection of 16 parallel components
4. 6000 cycles
5. Product design life>10 years
6. Customization is acceptable

## Product Description

The 100Ah wall-mounted lithium battery provides an efficient and safe energy storage solution for residential and small commercial users. This product requires no maintenance, supports CANBUS/RS485 communication, and allows connection of up to 16 parallel components. With a cycle life of up to 6000 cycles and a product design life of more than 10 years, it is built for long-term use. The battery is equipped with an advanced BMS system, offering comprehensive protection against overcharge, over-discharge, and overcurrent to ensure safe operation.

Electrical Characteristic		
Nominal voltage	48V	51.2V
Nominal capacity	100Ah	
Nominal energy	4.8KWH	5.12KWH
Internal resistance	≤50m2	
Output power(Max)	4.8KW	5.12KW
Self discharge rate	≤3%/per month@25°C	
Max connection	16pcs in parallel	
Cycle life	>6000 cycles@0.5c@80%/DOD@25°C	
Working temperature	-20°C-60%/-4°F-140F	
Mechanical characteristic		
Battery cell type	Prismatic battery cell	
Battery cell material	Lithium iron phosphate	
Battery cell capacity	100Ah	
Battery cell layout	15S1P	16S1P
Shell material	Iron	
Dimension	605*405*200mm	
Net weight	45KG/100LBS	47KG/103LBS
Warranty	5years	
IP level	IP54	
ACcessory	1.2m 4AWG positive&negative wire*2pcs User manual*1pcs,1m RJ45 wire*1pcs	
Packaging infomation	Quick connect terminal*4(positive*2/Negative*2) RS485 terminal*2/CANBUS terminal*1 Address dial*1/soc indicator*1 LCD display dashboard*1	
Charging&Discharging Characteristic		
Standard chargecurrent	50A	
Maximum charging current	100A	
Charge method	CC-CA	
Charge cut-offvoltage	54.75V	
Standard discharge current	50A	
Maximum discharge current	100A	
Discharge cut-offvoltage	40.5V	
BMS Characteristic		
Maximum discharge current	100A(Maximum,default)	
Short cuicuit protection	Support,recover when re-charge	
BMS pre-charge function	Supportims-5000ms	
Overcurrent protection	110A(Default value)	
Overcurrent reaction time	30ms	
Overcharge protection	54.75V	58.4V
Overdischarge protection	40.5V	43.2V

Communication method	CANBUS/RS485
working temperature (recommended)	-20°C-70%/-4F-158F

**Application**

Suitable for home, office, and small commercial energy storage  
Can be paired with solar systems for self-sufficient energy supply  
Ideal for emergency backup power and off-grid energy storage systems

**Shipping Methods**

Supports global air and sea shipping.

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