



Flexible and Durable 200AH Wall-Mounted Lithium Battery Storage

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: GDQ
- Certification: UN38.3 MSDS CE
- Model Number: WMB200
- Minimum Order Quantity: 8 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



GDQX-200AH Wall mounted battery

Product Specification

- Nominal Voltage: 48V/51.2V
- Nominal Capacity: 202Ah
- Energy Output: 9.7KWh / 10.34KWh
- Charge/Discharge Current: 50A Standard, Up To 200A Optional
- Cycle Life: >6000 Cycles @ 80% DOD
- IP Rating: IP54
- Highlight: **200ah lithium battery storage ,
200ah commercial energy solutions ,
48v lithium battery storage**

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Product Description

Flexible and Durable 200AH Wall-Mounted Lithium Battery Storage

200AH 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:

This 200AH wall-mounted lithium battery offers a high-capacity energy storage solution with minimal maintenance required. Supporting CANBUS/RS485 communication, it allows for the connection of up to 16 parallel components, making it highly flexible for various energy systems. With an extended cycle life of over 6000 cycles at 0.5C and 80% depth of discharge (DOD), this battery is designed to last more than 10 years under standard operating conditions. The prismatic lithium iron phosphate (LiFePO₄) cells ensure stable performance and safety, while the product features advanced protections including overcharge, over-discharge, and short-circuit protection. Customization options are available for charge/discharge current, voltage, and external design, making this battery adaptable for diverse customer needs.

Electrical Characteristic		
Nominal voltage	48V	51.2V
Nominal capacity	202Ah	
Nominal energy	9.7KWH	10.34KWH
Internal resistance	≤50mQ	
Output power(Max)	4.8KW(Default) /7.2KW/9.6KW(Optional)	5.12KW(Default) /7.68KW/10.24KW(Optional)
Self discharge rate	≤3%per month@25°C	
Maxconnection	16pcs in parallel	
Cycle life	>6000 cycles@0.5c@80%/DOD@25°C	
Working temperature	-20°C-60%/-4°F-140°F	
Mechanical characteristic		
Battery cell type	Prismatic battery cell	
Battery cell material	Lithium iron phosphate	
Battery cell capacity	202Ah	
Battery cell layout	15S1P	16S1P
Shell material	Iron	
Dimension	620*520*256mm	
Netweight	80KG/176LBS	84KG/185LBS
Warranty	5years	
IP level	IP54	
ACcessory	1.2m 4AWG positive&negative wire*2pcs User manual*1pcs, 1m RJ45 wire*1pcs	
Packaging information	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 charge current	50A
Maximum charging current	100A(Default)/150A/200A(Optional)
Charge method	CC-CA
Charge cut-off voltage	54.75V
Standard discharge current	50A
Maximum discharge current	100A(Default)/150A/200A(Optional)
Discharge cut-off voltage	40.5V
BMS Characteristic	
Maximum discharge current	100A(Default)/150A/200A(Optional)

Short circuit protection	Support, recover when re-charge	
BMS pre-charge function	Support 1ms-5000ms	
Overcurrent protection	110A(Default)/160A(150A Model)/210A(200A Model)	
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%/-4°F-158°F	

Application:

This 200AH lithium battery is ideally suited for residential, commercial, and industrial energy storage systems. It provides reliable backup power for solar PV installations, microgrids, and off-grid energy storage solutions. Its robust design and long cycle life make it ideal for applications where durability and efficiency are critical, such as in remote locations or where grid reliability is unstable. This battery can also be deployed in combination with renewable energy systems like wind and solar, ensuring clean and consistent energy supply over extended periods.

Shipping Methods

Supports global air and sea shipping.



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