



48V Communication Enabled Lithium ion Battery with Included Monitoring Software

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: QYGEN
- Certification: UN38.3/MSDS/CE
- Model Number: QYPW-5-10KWH
- Minimum Order Quantity: 10
- Packaging Details: Box
- Delivery Time: 1 month
- Payment Terms: TBD



Product Specification

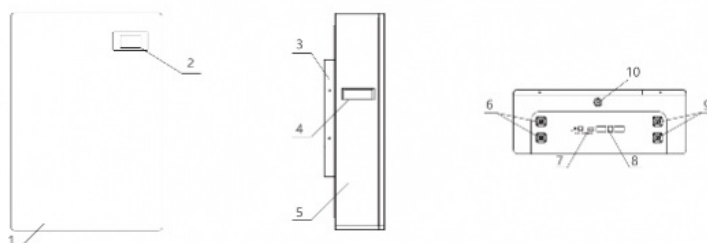
- Monitoring Software: Included
- Design Life: 8-10 Years
- Certifications: CE, UL, TUV
- Voltage: 48 V
- Type: Lithium-ion Battery
- Application: Home Storage System
- Dimensions: 600mm X 600mm X 200mm
- Communication Protocol: CAN, RS485, Ethernet
- Highlight: **Monitoring Software Lithium ion Battery, Communication Enabled Lithium ion Battery, 48V Lithium ion Battery**



25V-50V Wall-mounted energy storage battery

Parameters

Product Description	Product parameters			
Product model	M08S100BL-V-	M16S100BL-V-	M16S200BL-V-	M16S230BL-V-
Cells in series	85	165	165	165
Rated energy(KWh)	2.56	5.12	10.24	11.77
Rated voltage (V)	25.6	51.2	51.2	51.2
Charging Voltage (V)	29.2	58.4	58.4	58.4
Discharge cut-off voltage (V)	21	42	42	42
Standard Charge Current (A)	20	20	40	46
Maximum Charging Current (A)	100	100	100	200
Maximum Discharge Current (A)	100	100	100	200
Cycle life	≥ 6000 times @ 80% DOD, 25 °C			
Methods of Communication	RS232/RS485/CAN			
Charging temperature	0~60°C	0~60°C	0~60°C	0~60°C
Discharge temperature	-10~60°C	-10~60°C	-10~60°C	-10~60°C
How it is displayed	touch screen	touch screen	touch screen	touch screen
Product Dimensions (L*W*Hmm)	440*170*350	440*170*560	450*245*670	450*245*670
Net Weight (Kg)	23	41	89	93
Packing Dimensions (L*W*Hmm)	512*425*252	635*512*252	750*520*425	750*520*425
Gross Weight (Kg)	25	54	108	111



1	White plate	2	Touch screen	3	Mounting plate	4	Box handle	5	White plate
6	M8 positive terminal	7	Battery indication	8	RS232/RS485/CAN	9	M8 negative terminal	10	Switch

Product Description:

Our Stack Battery System is designed with safety and durability in mind, operating at a temperature range of -20°C to 50°C. This ensures that your Residential Power Storage Unit can withstand extreme weather conditions, providing reliable power storage all year round. Our product comes with a 10-year warranty, giving you the peace of mind that your investment is protected. Our black and white shell is a sleek and modern design that can fit seamlessly into any home, or we can customize the color to match your preferences.

We understand the importance of monitoring your power consumption and storage, which is why our product includes a monitoring software that allows you to keep track of your power usage and adjust accordingly. This allows you to optimize your power usage and save money on your utility bills.

Our Domestic Battery Energy Storage product is the perfect solution for homeowners who need a reliable and efficient power storage system. With its durability, safety features, and monitoring software, you can trust that our product will provide the power you need when you need it.

Features:

Product Name: Domestic Battery Energy Storage

Communication Protocol: CAN, RS485, Ethernet

Rated Voltage: 48V

Efficiency: 95%

Color: Black&White Shell Or Customized
Power: 3-5KW
Family Energy Storage Solution
Home-Based Battery Station
Household Battery Module

Technical Parameters:

Application	Family Energy Storage Solution, Residential Battery Power Wall, Home Energy Storage Device
Weight	50 Kg
Color	Black&White Shell Or Customized
Certifications	CE, UL, TUV
Monitoring Software	Included
Warranty	2 Years
Voltage	48 V
Power	3-5KW
Operating Temperature	-20°C To 50°C
Communication Protocol	CAN, RS485, Ethernet

Applications:

The product is designed for residential and household use, making it an ideal option for homeowners looking for an efficient and cost-effective energy storage solution. The QYPW-5-10KWH is a stack battery system that can provide power up to 3-5KW, making it suitable for small to medium-sized homes.

The product's monitoring software is included, allowing homeowners to keep track of their power consumption and storage, ensuring that they maximize their energy efficiency. Additionally, the product has an efficiency rate of 95%, ensuring that homeowners get the most out of their energy storage system.

The QYPW-5-10KWH has a black and white shell design, but it can also be customized to match the homeowner's preference. The product has a design life of 8-10 years, making it a durable and long-lasting investment for homeowners.

The QYPW-5-10KWH comes in a box packaging and has a minimum order quantity of 10. The delivery time for the product is approximately 1 month, and payment terms are to be determined.

The Domestic Battery Energy Storage product by QYGEN is suitable for a variety of occasions and scenarios, such as:

Residential Battery Power Wall: The QYPW-5-10KWH is a perfect solution for homeowners who are looking for an efficient way to store energy and reduce their electricity bills. With its monitoring software and high-efficiency rate, homeowners can keep track of their energy consumption and maximize their savings.

Emergency Power Backup: In case of a power outage, the QYPW-5-10KWH can provide homeowners with a reliable backup power source, ensuring that their daily routines are not disrupted.

Off-Grid Power System: The product can also be used in off-grid scenarios where there is no access to electricity. Homeowners can use the QYPW-5-10KWH to store energy from solar panels or wind turbines, providing them with a sustainable and eco-friendly energy source.

Customization:

Packing and Shipping:

Product Packaging:

Our Domestic Battery Energy Storage product comes in a sturdy and secure packaging that ensures the safe delivery of the product to your doorstep. The product is packaged in a cardboard box with foam inserts that protect the product from any damage during transportation. Additionally, the package includes an installation manual and all the necessary components required for installation.



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