



## Wall-Mounted Household Energy Storage Lithium Battery Pack/Powerwall

### Product Introduction

Wall-mounted household energy storage battery/powerwall is designed for photovoltaic power generation, energy storage, backup power and other power fields. Whether it's wall-mounted convenience, stacked-mounting (up to 5 units) for space efficiency, or rack-mounted for industrial power management, this series offers seamless adaptability.

### Main Features

- Exclusive Appearance Design;
- 4-way Battery Temperature Monitoring;
- Old and new batteries can be blended in parallel;
- Safest lithium iron phosphate battery cell with high energy density;
- Modular design: supports up to 16 units in parallel;
- Support CAN & RS485 communication with mainstream inverters;
- Built-in WiFi Smart BMS Module.

### Specification

Model	MC25-100	MC25-200	MC51-100	MC51-200	MC51-300
Nominal Voltage	25.6V	25.6V	51.2V	51.2V	51.2V
Rated Capacity	100Ah	200Ah	100Ah	200Ah	300Ah
Nominal Energy	2560Wh	5248Wh	5210Wh	10240Wh	15667.2Wh
Scalability	Max.16pcs in parallel				
Size	485.5*442*177	580*440*160	580*440*160	660*570*160	675*500*250
Weight	27kg±5kg	55kg±5kg	55kg±5kg	88kg±5kg	115kg±5kg
Cycle Times	≥6500 cycles @ 80% DOD, 25° C, 0.5C				
Design Life	≥10 years				
Maximum Operating Current	100A	200A	100A	200A	300A
Charging Voltage	29.2V	29.2V	56V	56V	56V
Discharge Cut-off Voltage	22V	22V	44V	44V	44V
Charging Temperature Range	0°C~60°C(working below 0°C will affect the performance of abttery capacity)				
Discharge Temperature Range	-20°C~60°C(working below 0°C will affect the performance of battery capacity)				
Storage Environment	0°C ~ 45°C @ 60%±25% RH				
Communication	RS232-PC,RS485(B)-PC RS485(A)-Inverter,Canbus-Inverter				
Certificates	UN38.3,MSDS,UL1973(Cell),IEC62619(Cell)				

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