

Residential ESS Battery - Wall Mounted

Hi-WALL 10

10.24kWh (51.2V)

92kG 680 × 580 × 200 mm



High Performance

- 90% usable energy
- 150A continuous discharging current
- Long lifespan

Flexibility

- Modular design
- Extendable during lifetime
- Support 1-4 modules in parallel

Safety

- Lithium iron phosphate battery
- Multi-stages protection design

Easy Installation

- Compact Design
- Plug and Play



Specifications

Model	Hi-WALL 10
Physical	
Battery Type	LFP (LiFePO4)
Cell Manufacturer	 Gotion
System Weight	92KG
Dimension (W x D x H)	680 x 580 x 200 mm
IP Protection	IP54
Warranty	10 Years
Electrical	
Energy Capacity	10.24 kWh
Usable Capacity	9.21 kWh
Depth of Discharge (DoD)	90%
Nominal Voltage	51.2V
Operating Voltage Range	48 ~ 57.6V
Internal Resistance	≤ 30 mΩ
Cycle Life	6000 @ 0.5C 25°C*
Operation	
Max. Charging/Discharging Current	150 A (0.7C) / 150 A (0.7C)
Recommended Charging/Discharging Current	100 A (0.5C) / 150 A (0.7C)
Max. Charging/Discharging Power	7680W / 7680W
Max. Short-circuit Current Operating	300 A
Temperature Range	-10 °C ~ 50 °C**, 0 °C ~ 40 °C
Humidity	15% ~ 85%
BMS	
Modules Connection	1 ~ 4 in parallel
Capacity	10.24 / 20.48 / 30.72 / 40.96 kWh
Usable Capacity	9.21 / 18.43 / 27.64 / 36.86 kWh
Power Consumption	< 2 W (Work), < 100 mW (Sleep)
Communication	CAN and RS-485 compatible
Certification	
Transportation	UN 38.3
Safety	IEC 62619 (Cell)

* Under specific test conditions

** When the temperature is below 0°C or above 40°C, the performance will be limited.



WhatsApp: +86 15021028508



www.hiwotech.com



sales@hiwotech.com