

Wall-mounted Home Energy Storage

5KWh-10KWh battery

Model **DYA50Q/100Q**



PRODUCT FEATURE



- Home energy storage, self-use of generated electricity, surplus electricity storage, making electricity use more economical and worry-free
- Power outage doesn't stop life; home emergency backup power, protecting the whole family's electricity safety
- A-grade battery cells are selected, and the service life is up to 10 years
- Intelligently regulate electricity usage, reduce dependence on the power grid, and make electricity use more autonomous and stable



Can be used in parallel with multiple units, quick plug for easy expansion



Natural cooling reduces the power consumption of the entire model



The modular design is easy to install and easy to maintain



Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit.



The unique wall-mounted design is easy to move and takes up little space



Large capacity, high circulation, safe and stable

► Technical Specification

5KWh battery

Item	Specifications	Remark
Nominal voltage	51.2V	
Nominal Capacity	100Ah	
Energy	5120Wh	
Working voltage	40~58.4V	
Charge Voltage	58.4V	Maximum
Standrad charge current	20A	0.2C
Max charge current	100A	Based on the working current of the BMS
Discharge Cut-off Voltage	40V	
Standard discharge current	20A	0.2C
Max discharge current	100A	Based on the working current of the BMS
Cell Model	LFP 50160116 3.2V 100Ah	
Housing material	Cold rolled steel plate	
Dimensions	590*380*145±2mm	Excluding hanger and handle
Weight	≈48kg	Excluding installation accessorie

10KWh battery

Nominal voltage	51.2V	
Nominal Capacity	200Ah	
Energy	10240 Wh	
Working voltage	40~58.4V	
Charge Voltage	58.4V	Maximum
Standrad charge current	40A	0.2C
Max charge current	100A	Based on the working current of the BMS
Discharge Cut-off Voltage	40V	
Standard discharge current	40A	0.2C
Max discharge current	100A	Based on the working current of the BMS
Cell Model	LFP 50160116 3.2V 100Ah	
Housing material	Cold rolled steel plate	
Dimensions	725*550*162±2mm	Excluding hanger and handle
Weight	≈83kg	Excluding installation accessorie
Working temperature range	Charge: 0C~45℃	At10%-90%RH
	Discharge: -20℃-60℃	

► Connection and Application

- Solar System Connection

