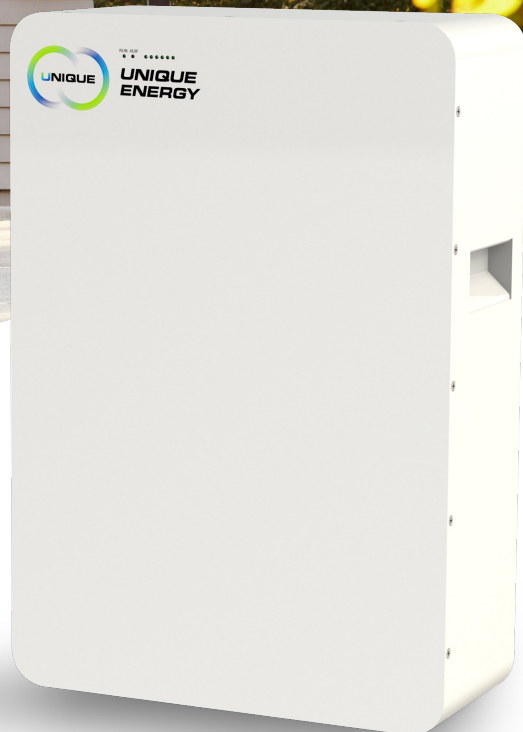










UNIQUE ENERGY



# Wall-Mounted Battery Energy Storage System

**UPACK5<sup>0</sup>**

51.2V | 100Ah | 5120Wh

-  Grade A LFP battery
-  Safe and Reliable
-  High Performance BMS Chip
-  Smart Protection
-  Sleek Design
-  One-Click Toggle

## Features

- Wide Compatibility: Integrates with 90% of off-grid and hybrid inverters
- Versatile Communication: RS-485, RS-232, CAN
- Scalable Parallel Setup: Up to 16 units
- Exceptional Longevity: 10+ years, 6000 cycles

## Certificates



## Wall-Mounted Battery Energy Storage System

## Parameters

General Information	
Model	UPACK5 <sup>0</sup>
Battery Type	LiFePO <sub>4</sub> (LFP)
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Nominal Battery Energy	5120Wh
Communication	RS-485/RS-232/CAN
Physical Specifications	
Dimension	H580*L400*D188mm
Weight	≈45kg
Protection Level	IP54
Electrical Characteristics	
Charge Voltage	≤58.4V (56 ~ 58V Recommended)
Discharge Voltage	≥43.2V (46 ~ 58V Recommended)
Charge Current	≤50A (Recommended)   100A (Max)
Discharge Current	100A (Max)
Internal Resistance	≤100mΩ
Operation Environment	
Charging Temperature	0 ~ 45°C
Discharging Temperature	-20 ~ 65°C
Transport and Storage Temperature	-10 ~ 45°C   35 ~ 85% Humidity
Warranty	
Product Warranty	5 Years   3000 Cycles
Service Life	10+ Years   >6000 Cycles

## Illustration

