



## Description

Power Wall is a wall-mounted residential solar storage battery which can be operated under on/off grid, and it can be used with a inverter and PV systems to form an ESS (Energy Storage System). The main function is to store power generated by PV and power your home appliances. Greenergy's Power Wall can provide backup power for household during blackouts, reduce electricity bill and protect environment by consumption of solar energy.

## Features

- Long Service Life: up to 10 years
- High Compatibility: Compatible with a wide range of inverter brands
- Proven Safety: Intelligent BMS and lithium iron phosphate cells ensure system with highest safety
- Easy Installation: The compact design allows easier and faster installation
- Intelligence Monitoring: System operation status can be monitored through Cloud Platform

## Applications

- Residential & Commercial Solar Energy Storage

Specification:

Item	Rating	Note
Battery Type	LiFePO4 Battery	
Cell Model	LF48174133-100	
Pack Method	16S1P	
Nominal Capacity	100Ah	Discharge : 0.208C Cut-off Voltage:40V
Minimum Capacity	95Ah	Discharge : 0.208C Cut-off Voltage: 40V
Nominal Voltage	51.2V	
Energy	5120Wh	
Charge Voltage	58.4V	
Discharge cut-off voltage	40V	
Charge Method	CC/CV	
Standard Charge Current	20A	
Max. Charge Current	100A	
Standard Discharge Current	20A	
Max. Continues Discharge current	100A	
Cycle Life	2000 times	≥80% DOD
内阻 Internal Impedance	≤50mΩ	
Battery pack epoxy plate size	528x435x100mm	
Output Wire	/	
Output Connector	SC120 Red	
The battery pack weight	Apporx.37Kgs	
Working Temperature Range	Charge: 0°C ~ 45°C Discharge: -20°C ~ 60°C	
Storage Temperature	-10°C ~ 50°C	
Design Life	10+ years	
Cycle Life	> 6000 times	





