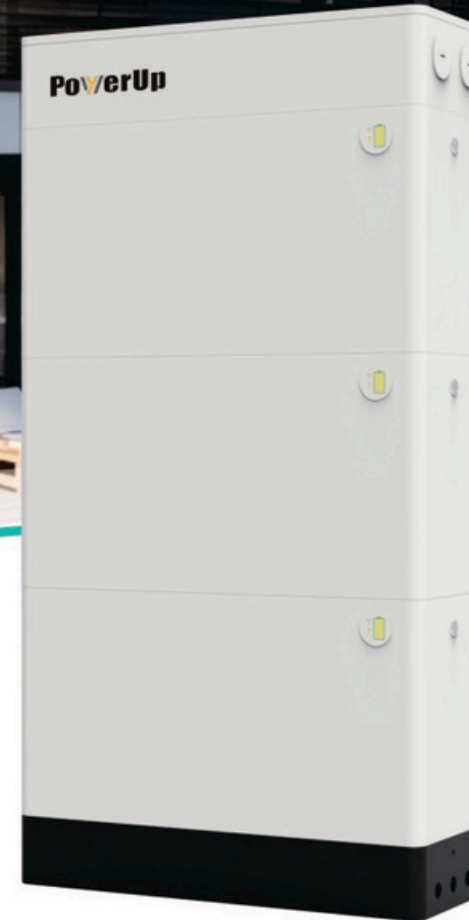


Residential Stackable Battery

Features

- Advanced Modular LiFePO4 Battery System
- Flexible capacity from 5.12 kWh to 20.48 kWh
- Easy stackable floor-standing installation with base
- LED SoC indicator for real-time monitoring
- Supports up to 15 units in parallel



Product Features

Advanced Multi-Protection BMS

Intelligent BMS continuously monitors voltage, current, temperature and SOC via RS232/RS485/CAN providing comprehensive protection.

Flexible Modular Design

Innovative stackable architecture with base allows simple capacity expansion and fast installation.

High-Efficiency & Reliable Performance

Wide operating temperature range, IP65 protection and natural convection cooling for stable, quiet operation.

Technical Parameters

Model	PW-S5-5D			
Battery Type	LiFePO4			
Layer	1	2	3	4
Battery Capacity	5.12Kwh	10.24Kwh	15.36Kwh	20.48Kwh
Nominal Voltage	51.2V	102.4V	153.6V	204.8V
Voltage Range	45.6~56.8V	91.2~113.6V	136.8~170.4V	182.4~227.2V
Battery Capacity	100Ah			
Recommended Charge /Discharge Current	50A			
Max. Continuous Charge/ Discharge Current	100A			
Dimension (W×D×H mm)	600×210×440	600×210×740	600×210×1040	600×210×1340
Net Weight	56	106	156	206
Depth of Discharge (DoD)	90%			
Cycle Life	≥ 6000			
Ingress Protection	IP65			
Communication	RS232, RS485, CAN			
Operating Temperature	Charge: 0~50°C / Discharge: -20~55°C			
Cooling	Natural Convection			
Installation	Floor-standing, Stackable			
Parallel Expansion	Up to 15 units			
Certificates	IEC 62619, CE, UN 38.3, MSDS, CB			