

# Y4

POWERPAL Y4 is a perfect wall-mounted solar energy lithium battery for residential home use. Built-in with High-Quality LiFePO<sub>4</sub> large capacity cells. It ensures a long cycle life of the battery system. The designed BMS is verified to be compatible with different brands of inverters, hybrid on grid&off grid or off grid.

< 5kWh / 10kWh >



## Product Features



### Unique Design

New wall mount design.



### LED Display

SOC, Battery status.



### Flexible Capacity

Max.15pcs in parallel to extend capacity.



### Safe & Reliable

Lithium iron phosphate (LFP) cell.



### Easy Installation

Quick plug in +/- and parallel connection.



## Product Specifications

Model	PP-Y4-5kWh	PP-Y4-10kWh
Rated Voltage	51.2V	
Rated Capacity(C5)	100Ah	200Ah
Battery Cell	3.2V 100Ah Prismatic Battery Cell	
Configuration	16S1P	16S2P
Parallel Capacity	Yes,15units maximum	
Max.Charge Cuurent/3s	100A	200A
Continuous Discharge Cuurent	50A	100A
Discharge Cut-off Protect Voltage	44.8V	
Charge Cut-off Protect Voltage	57.60V	
Cycle Life	6000 cycles@90%DOD,0.2C,SOH80%	
Communication Port	Can,RS485,RS232	
L*W*H(mm)	440*500*142	442*820*142
Weight(kg)	49kg	98kg
Protection Rating	IP21(Indoor)	
Installation	Wall mounted	
Discharge Temperature(℃)	-20~60	
Charge Temperature(℃)	0~55	
Lithium Battery Standard	UL1642/IEC62619/UN38.3/ROHS/CE-EMC	

## Cooperative Inverter Brands












