

Y4

POWERPAL Y4 is a perfect wall-mounted solar energy lithium battery for residential home use. Built-in with High-Quality LiFePO₄ 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.

< 15kWh >



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-Y4-15kWh | |
| Rated Voltage | 51.2V | |
| Rated Capacity(C5) | 280Ah | 314Ah |
| Battery Cell | 3.2V 280Ah Prismatic Battery Cell | 3.2V 314Ah Prismatic Battery Cell |
| Configuration | 16S1P | |
| Parallel Capacity | Yes,15units maximum | |
| Max.Charge Cuurent/3s | 200A | 200A |
| Continuous Discharge Cuurent | 140A | 157A |
| Discharge Cut-off Protect Voltage | 44.8V | |
| Charge Cut-off Protect Voltage | 57.6V | |
| Cycle Life | 6000 cycles@90%DOD,0.2C,SOH80% | |
| Communication Port | Can,RS485,RS232 | |
| L*W*H(mm) | 660*820*239 | |
| Weight(kg) | 122kg | 125kg |
| 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












