

# Y1

PowerPal-Y1 is suitable for residential energy storage system, use stored energy to power your home during an outage.

< 5 kWh / 10 kWh >

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## Product Features



### Long Life And Safety

6000 cycles with 80% DOD, high-quality prismatic battery cell



### Intelligent

With independent smart BMS system, manages power output effectively



### Compatibility

Compatible with most of the available Hybrid inverters



### Backup Protection

Stores energy, detects outages and automatically becomes energy source



### Plug In And Play

Plug in batteries then working, easy to install and set up



### Safety Cert

UL1642, IEC62619, CE, UN38.3, MSDS.

## Product Specifications

Model	PP-Y1-5kWh	PP-Y1-10kWh
Nominal Voltage	48V	
Nominal Capacity	100Ah	200Ah
Battery Cell	3.2V 100Ah Prismatic Battery Cell	
Parallel Capacity	yes,15units maximum	
Max.Charge Current	100A	
Max.Discharge Current	100A	
Discharge Voltage Range	41 - 54.5V	
Charge Voltage Range	53.5 - 54.5V	
Design life	15+ Years (25°C/77°F)	
Cycle life	> 6000 Cycles, 25°C	
Communication Port	CAN,RS485,RS232	
Size (L*W*H)	680*485*220mm	
Weight	68Kg±1Kg	98Kg±1Kg
Working Temperature	-10~50°C	
Shelf Temperature	-20~50°C	
Humidity	5%~95%	
Lithium Battery Standard	UL1642/IEC62619/UN38.3/ROHS/CE-EMC	

## Cooperative Inverter Brands













