

# Y1

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

< 5 kWh / 10 kWh >



## 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
Voltage	48/51.2V	
Capacity	100Ah	200Ah
Battery Cell	3.2V 100Ah Pirsmatic Battery Cell	
Configuration	15S/16S 1	15S/16S 2P
Parallel Capacity	Yes,15units maximum	
Max.Charge Current	100A	
Max.Discharge Current	100A	
Disharge Cut-off Protect Voltage	42V/44.8V	
Charge Cut-off Protect Voltage	54V/57.6V	
Cycle life	6000 Cycles @80% DOD	
Communication Port	CAN,RS485,RS232	
L*W*H(mm)	680*485*180(220)mm	
Weight(KG)	68Kg±1Kg 72Kg±1Kg	98Kg±1Kg 106Kg±1Kg
Discharge Temperature(°C)	-20~50°C	
Charge Temperature(°C)	0~55°C	
Lithium Battery Standard	UL1642/IEC62619/UN38.3/ROHS/CE-EMC	

## Cooperative Inverter Brands













