

POWERPAL

TITANSUN

Y1

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

< 5kWh/10kWh >

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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
Voltage	51.2V	
Capacity	100Ah	200Ah
Battery Cell	3.2V 100Ah Pirsmatic Battery Cell	
Configuration	16S1P	16S2P
Parallel Capacity	Yes,15units maximum	
Max.Charge Current	100A	
Max.Discharge Current	100A	
Discharge Cut-off Protect Voltage	43.2V	
Charge Cut-off Protect Voltage	58.4V	
Cycle life	6000 Cycles @80% DOD	
Communication Port	CAN,RS485,RS232	
L*W*H(mm)	680*485*180(220)mm	
Weight(KG)	72Kg±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












