

E

PowerPal E positive electrode materials are lithium iron phosphate, and battery cells are managed effectively by BMS with better performance.

< 5kWh/10kWh >



Product Features



The whole module is non-toxic, non-polluting and environmentally friendly.



Self-management on charging and discharging, Single core balancing function.



Intelligent design configures integrated inspection module.



Cathode material is made from LiFePO₄ with safety performance and long cycle life.



Flexible configuration, multiple battery modules can be in parallel for expanding capacity and power.



Battery management system with better performance, possesses protection function like over-discharge, over-charge, over-current, abnormal temperature.

CE UN38.3 MSDS

Product Specifications

Model	PP-E-5kWh	PP-E-10kWh
Nominal Voltage	51.2V	
Nominal Capacity	5120Wh	10240Wh
Usable Capacity	4608Wh	9216Wh
Discharge Voltage	44.8V	
Charge Voltage	57.6V	
Recommend Charge/Discharge Current	50A	100A
Max Charge/Discharge Current	100A, 3S	200A, 3S
Communication	RS485/CAN/Bluetooth(Optional)	
Dimension	482*463*178MM	482*809*178MM
Weight	48.2KG	95KG
Working Temperature	0°C~40°C	
Storage Temperature	-20°C~70°C	
Humidity	10%~80%	
Certification	CE/IEC/UN38.3/MSDS	
Design Life	10 years+	
Cycle Life	>6000Cycles @ 90%DOD (25±5°C)	
Electrical Design Redundancy	> 20%	

Cooperative Inverter Brands












