

# E1 SERIES



4.8-10KWH



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## Product Specifications

Model	PP-E1-5kWh	PP-E1-10kWh
Voltage	48/51.2V	
Capacity	100Ah	200Ah
Battery Cell	3.2V 100Ah Pirsmatic Battery Cell	
Configuration	15S/16S 1P	15S/16S 2P
Parallel Capacity	Yes,15units maximum	
Max.Charge Current	100A	
Max.Discharge Current	100A	
Disharge Cut-off Protect Voltage	54V/57.6V	
Charge Cut-off Protect Voltage	42V/44.8V	
Design life	15+ Years (25°C/77°F)	
Cycle life	> 6000 Cycles, 25°C	
Communication Port	CAN, RS485, RS232	
Size (L×W×H)	460×442×180mm	680×442×180mm
Weight	46Kg±1 Kg/50Kg±1Kg	85Kg±1 Kg/89Kg±1Kg
Operation Temperature Range	Charge:0~55°C/Discharge:-20~55°C	

## Product Features

### Safe And Reliable

Cathode material: LiFePO4, safe and long cycle life. Low self-discharge, storable up to 6 months, no memory effect,good shallow charge-discharge performance

### Intelligent BMS

Provides over-discharge, over-charge, over-current and temperature protection.The system automatically manages charging/discharging and balances cell voltage and current.

### Flexible Configuration

Parallel for expanding capacity and power.Support USB upgrade,wifi upgrade(optional),remote upgrade (Compatible with Deye inverter)

### Wide Temperature

Working temperature range is from -0°C to 55°C, with excellent discharge performance and cycle life.

