

All-in-One Energy Storage Battery System

- ▶ **Grade A+ Cells**
Brand New Grade A+ LiFePO₄ Battery Cells
- ▶ **Easy to Install**
Minimalism-style appearance, easy to establish home energy storage system
- ▶ **PV Input**
Wide PV Input Voltage
- ▶ **Optional Function**
Wi-Fi (optional)
- ▶ **Ready To Use**
Integrated battery, inverter and all accessories, easily installed and ready to use with cables connected
- ▶ **Long Life**
Safe and long lasting with a cycle life of 6500 cycles



Model	3.5kW+5.12kWh	
Inverter Parameters		
Inverter Output		
Rated Power	3500W	
AC Rated Voltage	230VAC	
Rated Frequency	50Hz/60Hz	
AC Voltage	230VAC±5%	
Max. Efficiency	93%	
Switchover Time	10ms (PC) / 20ms (Home)	
Wave	Pure sine wave	
Inverter Input		
Battery Overvoltage	33.0V	
Constant Charge Voltage	28.4V	
Float Charge Voltage	27.4V	
Grid Input		
Rated Voltage	230V	
Voltage Range	110~280VAC (Home)/170~280VAC (PC)	
Rated Frequency	50Hz/60Hz (Adaptive)	
Frequency Range	40~70Hz	
Rated Current	10.9A	
Max. AC Current	17A	
PV Input		
Max. Voltage	160VDC	500VDC
Inverter Charge		
Inverter Max. Charge Current	100A	
Grid Max. Battery Charge Current	80A	
PV Max. Charge Current	100A	
Battery Parameters		
Rated Capacity	5.12 kWh	
Nominal Voltage	25.6V	
Discharge Voltage Range	21.6~28.8V	
Standard Charge Current	100A@25°C	
Max. Charge Current	150A@25°C	
Max. Discharge Current	150A@25°C	
Max. Power Output	5120Wh	
Depth of Discharge DOD	0.9	
Communication Interface	RS485	
Cycle Life	25±2°C, 0.5C/0.5C, EOL80% ≥ 6500	
Working Temperature Range	Charge: 0°C ~55°C; Discharge: -20°C ~55°C	

*Images for reference only, please refer to the actual product photos corresponding to your order.
 *Specifications are subject to change without prior notice; please refer to the specifications in your actual order.