

LSHE Residential BESS

RPB Series

The LSHE RPB series is a cutting-edge BESS designed for households able to dominate their home electricity use. It adopts high-performance lithium iron phosphate battery, with usage capacity expanded up to 40.96kWh.



RPB-HV30



RPB-HV25



RPB-HV20



Wireless Stackable Installation

Simply stackable and wireless installation within 5 minutes.



Large Storage Capacity

Expanding usable capacity up to 40.96kWh, without additional accessories.



Aesthetic Exterior Design

Fit with your home decoration well with aesthetic and elegant design.



Smart Management System

Support LSHE APP/Web for monitoring when combining with LSHE inverter.



10 Years Warranty

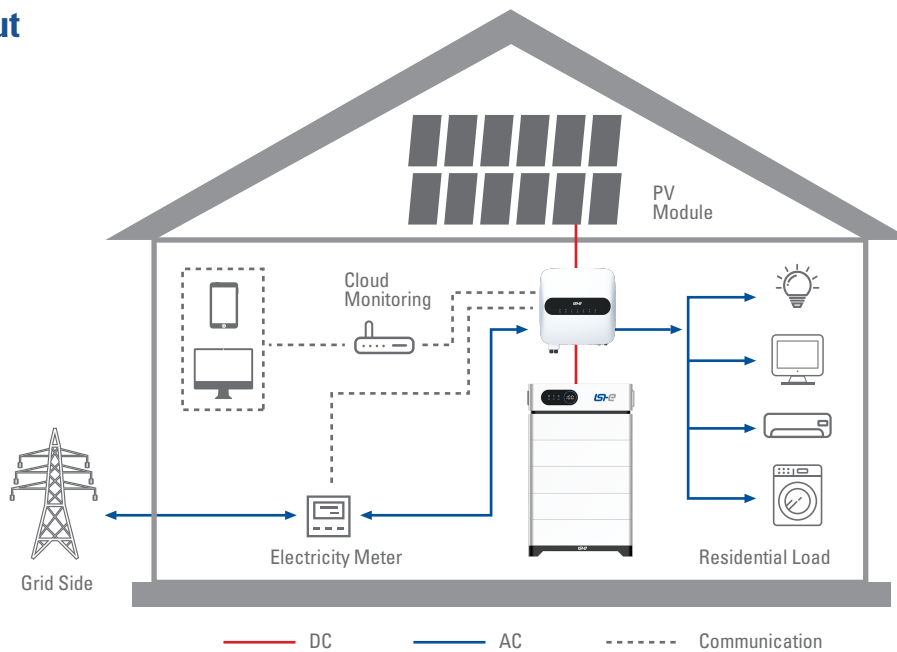
High level quality cells make 10 years warranty come true.



Visual Status Display Screen

With display screen to show real-time state of SOC, WIFI alarm and etc.

System Layout



Specifications

Model	RPB-HV20	RPB-HV25	RPB-HV30
Each Battery Module Capacity	5.12kWh		
Battery Module Quantity	4	5	6
Nominal Battery Capacity	20.48kWh	25.6kWh	30.72kWh
Battery Nominal Voltage	204.8Vdc	307.2Vdc	409.6Vdc
Maximum Continuous Charge Power	10kW		
Maximum Continuous Discharge Power	10kW		
Maximum Discharge Peak Power (for 10sec)	15kW		
Cycle Time	≥6000		
Charge/Discharge Rate	0.5C		
Communication	RS485\CAN		
Installation Mode	Stackable		
Protection Class	IP55		
Dimensions (LxDxH)	590x363x985.5mm	590x363x1168mm	590x363x1350.5mm
Weight	201kg	246kg	291kg
Altitude	≤2000m		
Operating Temperature	-10°C~50°C		
Certificate	IEC62619, IEC62477, IEC61000, MSDS, UN38.3		

LSHE Hybrid Inverter – Purchased Separately

Model: No. LSHE-10K-TL-TH, See the inverter datasheet.

* As solution provider, LSHE provides integrated solutions including solar panel, inverter and BESS for household, please contact us for details.