

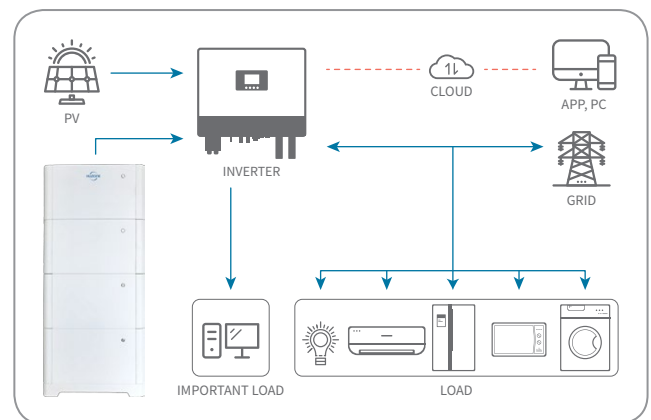


HBS-5300-L1~L4

LFP / LiFePO4 Stacked Battery System

5.37kWh / 10.74kWh / 16.11kWh / 21.48kWh

- ✓ Practical design for floor-standing or wall-mounted installation modes
- ✓ LFP cells from top quality manufacturer, with cycle life ≥ 6000 times
- ✓ Intelligent management, multiple safety design, safe and reliable household use
- ✓ High conversion efficiency and low self-consumption
- ✓ More than 10 years of life design
- ✓ Easy installation with modular and stacked design
- ✓ Flexible capacity options: 5.37kWh to 21.48kWh
- ✓ Ingress protection IP65, indoor/outdoor use
- ✓ Compatible with different brands of energy storage inverters
- ✓ Supports remote diagnosis and upgrade



Villa



Hotel



Residential electricity



Hospital



Museum



Church



Farm

Technical Data HBS-5300-L1 HBS-5300-L2 HBS-5300-L3 HBS-5300-L4

Battery Cell

Battery Type	LFP / LiFePO4 (Lithium Iron Phosphate)
Specifications	3.2 V / 105 Ah

Battery Unit

Rated Energy	5.37 kWh
Rated Voltage	51.2 V
Specifications	51.2 V / 105 Ah
Composition	1 P16S/Cell

Battery Pack

Rated Energy	5.37 kWh	10.74 kWh	16.11 kWh	21.48 kWh
Number of Modules	1	2	3	4
Rated Voltage	51.2 V			
Voltage Range	44.8~57.6 V			
Standard Charge Current	52.5 A (0.5C)	105 A (0.5C)	157.5 A (0.5C)	210 A (0.5C)
Standard Discharge Current	52.5 A (0.5C)	105 A (0.5C)	157.5 A (0.5C)	210 A (0.5C)
Maximum Discharge Depth	90% DOD			

General Data

Ingress Protection Rating	IP65			
Cycle Life	≥6000 Cycles (25°C, 85% DOD) / ≥10 Years			
Communication	CAN			
Charge Temperature Range	0~50°C			
Discharge Temperature Range	-10~50°C			
Storage Temperature	-10~45°C			
Relative Humidity	20%~80%			
Cooling Method	Natural Cooling			
Standards and Certifications	CE/IEC62619/UL1973/UN38.3			
Weight	67.5 kg	126.5 kg	185.5 kg	244.5 kg
Dimensions (WxDxH)	645x215x433 mm	645x215x786 mm	645x215x1139 mm	645x215x1492 mm

