

RESIDENTIAL ENERGY STORAGE SYSTEM



IP66
Indoor and outdoor
installation options



Cycle Life
Up to 6000+ cycles



C4 class
Anti-corrosion battery housing



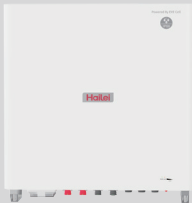
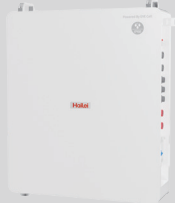

Powered by EVE cells
Reliable quality , high safety



Heating function
Improved the low temperature
performance



Fire protection function
More safety

Item	Parameters		
Technical Specification	Hailei LiFePO4 5kW	Hailei LiFePO4 10kW	Hailei LiFePO4 15kW
			
Performance			
Battery capacity	100Ah	200Ah	280Ah
Battery Energy	5kWh	10kWh	15kWh
Max continuous charge current	100A	100A	120A
Max continuous discharge current	100A	150A	150A
Nominal voltage	51.2V		
Operating voltage range	44.8V-57.6V		
Cycles and SOH	>6000,80% （10 years）		
Charge and discharge efficiency	≥95%		
Communication			
Display	SOC status indicator ,LED indicator		
Communication	RS485/CAN		
General Specification			
Dimensions	495mm*480mm*150mm 19.49in.x18.9in.x5.9in	690mm*600mm*150mm 27.16in.x23.62in.x5.9in.	710mm*580mm*240mm 27.95in.x22.83in.x9.45in
Weight	45Kg	83.5kg	117Kg
Installation	Wall mount	Floor- standing	Floor-standing
Operating temperature	-20°Cto+55°C （-4°F to+131°F）		
Max operating altitude	3000m(9842ft.)		
Environment	Indoor /outdoor		
Relative humidity	5%-95%RH		
Cooling	Natural		
IPrating	IP65		
Noise emission	<29db		
Cell type	Lithium-ion phosphate (LiFePO4)		
Compatible inverters	DEYE , SOLIS, Victron Energy, Growatt (Spf-Sph), Voltronic, Easun, Goodwe, Megarevo, Luxpower, SMA, Afore, SRNE		
Standard Compliance (More Available Upon request)			
Certificates	CE, IEC62619, UN38.3, RoHS,ISO9001		
Warranty policy			
Warranty time	10Years		

1 .Test conditions: 100% depth of discharge (DoD, 0.2c rate charge & dicharge at 25'c, at the beginning of life. if no PV modules are installed or the system has not detected sunlight for at least 24 hours, the minimum end of discharge SOC is 15%.

2 .The Max. power can maintain 15s, under the conditions: 80%SOC , work temperature between 25 °C to 40 °C.

3 .Refer to battery warranty letter for conditional application.

4 .Indoor installation is recommended. For outdoor installation, refer to the user manual for instruction.

Disclaimer: the preceding values are measured by an internal laboratory of Hailei in a specific environment. The actual values may vary with products, software versions,usage conditions, and environmental factors.