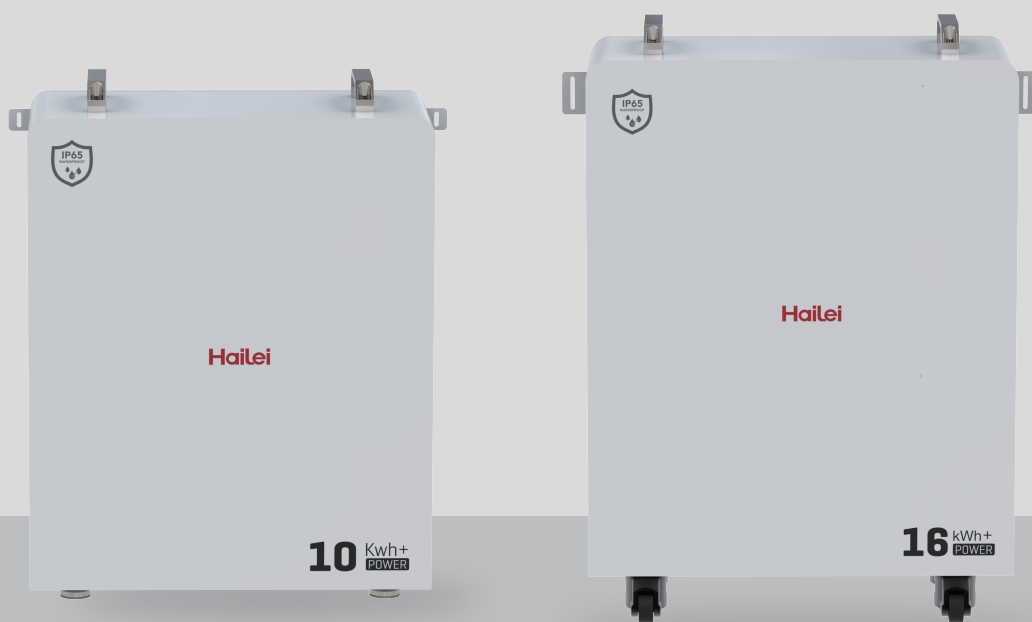


RESIDENTIAL ENERGY STORAGE SYSTEM



IP65
Indoor and outdoor
installation options



Cycle Life
Up to 6000+ cycles



C4 class
Anti-corrosion battery housing





WIFI & Bluetooth
monitoring available



Heating function
Improved the low temperature
performance



Fire protection function
More safety

Item	Parameters	
Technical Specification	 <p>LV51200H</p>	 <p>LV51314H</p>
Performance		
Battery capacity	10.24kWh	16.076kWh
Battery Usable capacity	9.2kWh	14.4kWh
Charging & discharging power	6kW	6kW
Max.charging and discharging power	7kW	7kW
Nominal voltage	51.2V	
Operating voltage range	44.8V-57.6V	
Cycles and SOH	>6000,80% (10 years)	
Communication		
Display	SOC status indicator ,LED indicator	
Communication	RS485/CAN	
General Specification		
Dimensions	630mm*530mm*240mm	710mm*580mm*240mm
Weight	90kg	118Kg
Installation	Floor- standing	Floor-standing
Operating temperature	Charge:-10°C to +55°C , discharge:-20°C to +55°C	
Max operating altitude	3000m(9842ft.)	
Environment	Indoor /outdoor	
Relative humidity	5%-95%RH	
Cooling	Natural	
IPrating	IP65	
Noise emission	<29db	
Cell technology	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	

1 .Test conditions: 100% depth of discharge (DoD, 0.2c rate charge & discharge 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.