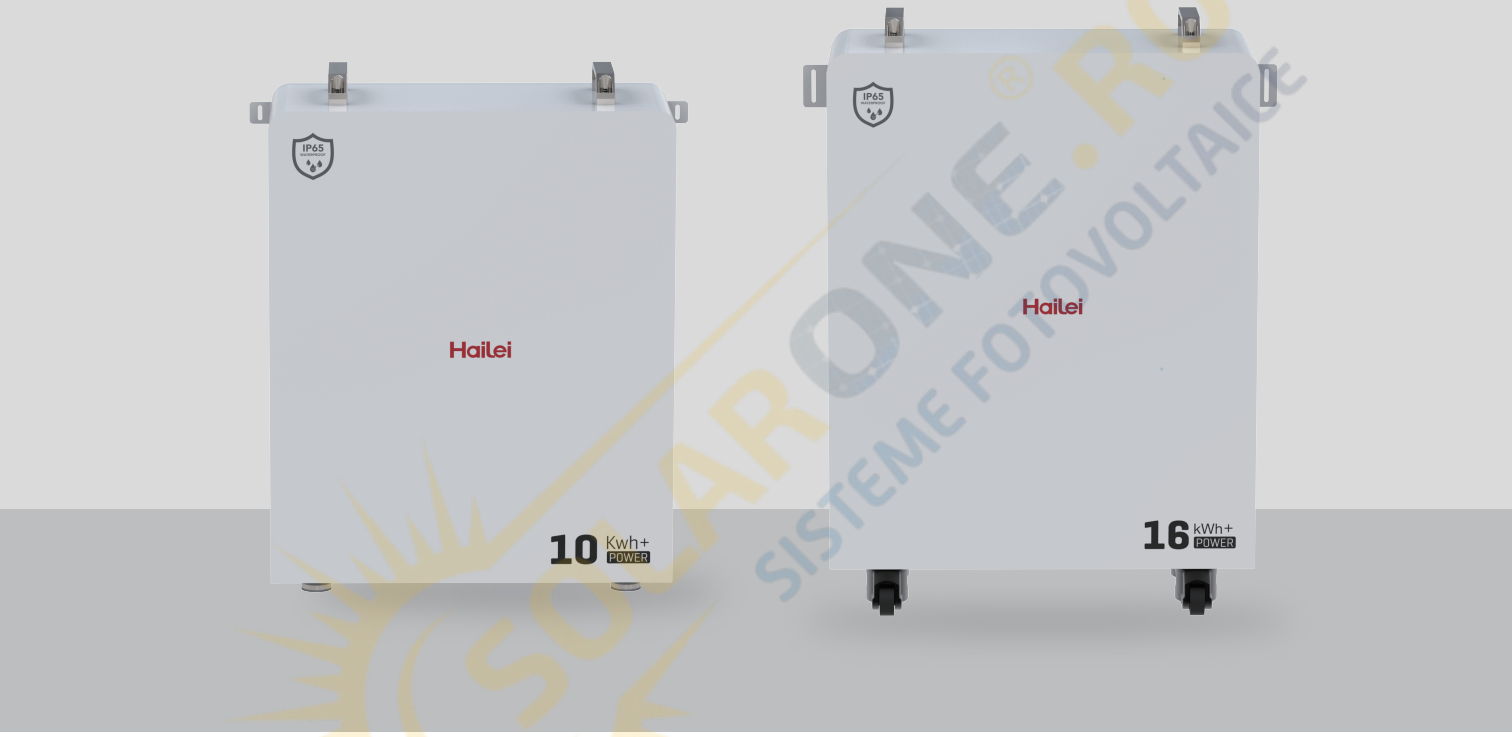
Hailei

RESIDENTIAL ENERGY STORAGE SYSTEM



IP65
Indoor and outdoor installation options

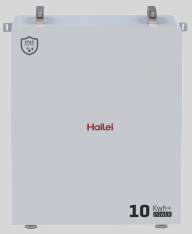
Cycle Life
Up to 6000+ cycles

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	LV51200H 	LV51314H 
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℃ to +55℃ , discharge:-20℃ to +55℃	
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 & 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.