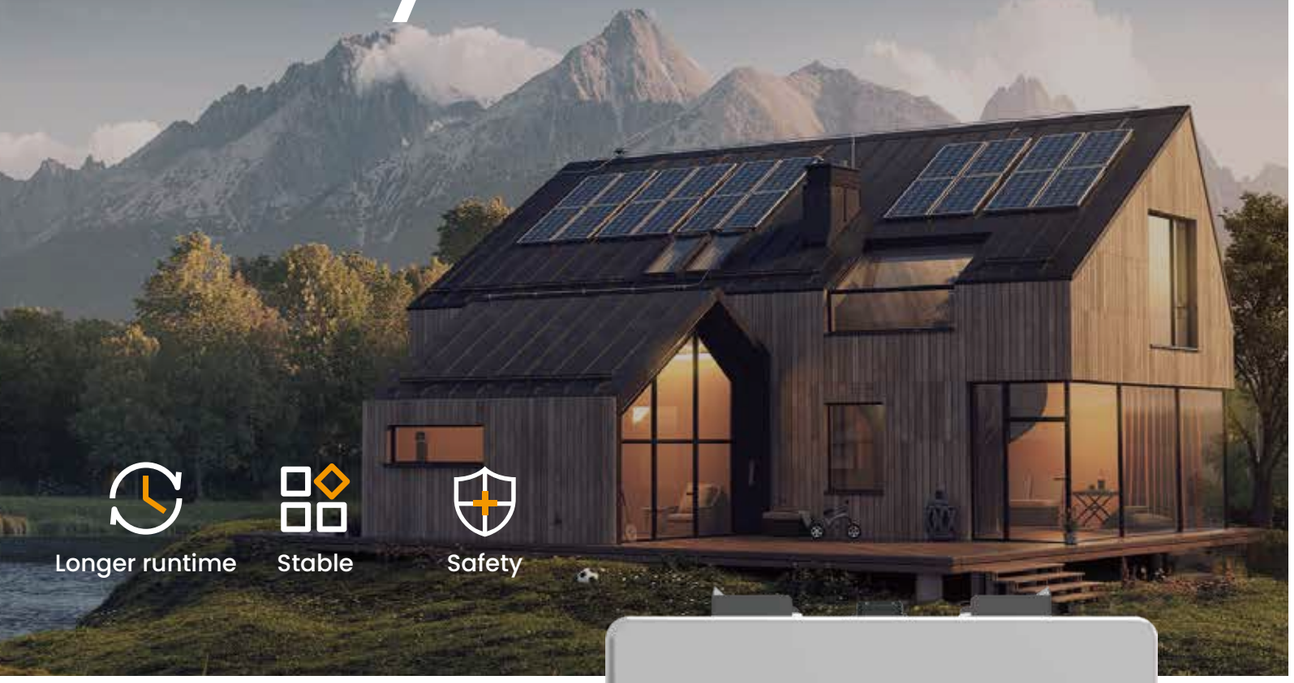
4KWH Battery Pack



- Longer runtime with fewer charging cycles
- More stable power supply with stronger load capacity
- Superior cycle life and overall user experience
- Reduced fast-charging loss for enhanced safety



Model	LB-SA4019L-B1
Battery Parameters	
Battery Type	LiFePO4
Nominal Energy	4.09kWh
Nominal Voltage	10-14.6V
Max discharge Current	200A
Rated charge/discharge power	2400W
Battery Module	
Nominal Voltage	48V
Rated charge/discharge Current	50A
Rated charge/discharge power	2400W
Peak conversion efficiency	95%
Max. charge/discharge power	3kW@30S
Display	LED
Safety protection	
Output over voltage protection	Yes
Output over current protection	Yes
Output short circuit protection	Yes
Over temperature protection	Yes
Mechanical Data	
Ambient Temperature (°C)	-20°C-65°C
Dimensions W*H*D (mm)	470/298/285
Weight (kg)	35kg
Ingress Protection	IP65
Protective Class	III
Cycle Life	≥8000(@25°C, 0.5C/0.5C, 70%EOL)
Cooling	Natural convection-No fans
Features	
Communication	485/CAN
Expansion ability	Max. 4 in Parallel
Compliance	IEC62619; CE; RED; Rosh; Reach; UN38.3