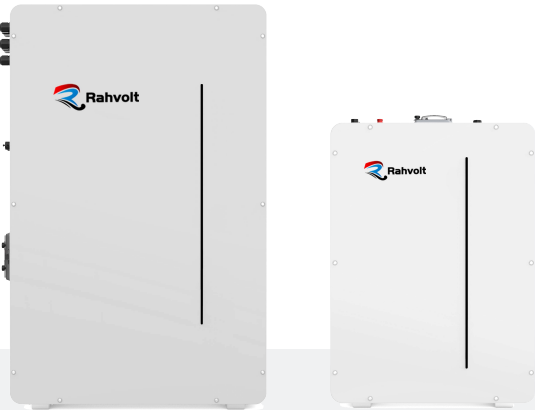


Low Voltage Battery 5 to 10 kWh

Low voltage Battery



Models:
RV-LB 5K
RV-LB 10K



Safety

- LFP safe technology
- All-round BMS protection



Reliable

- IP65 rated design for outdoor use
- High quality cell inside



User-friendly

- Remote upgrade
- Online monitoring via Rahvolt apps

Technical Datasheet

RV-LB 5K

RV-LB 10K

	RV-LB 5K	RV-LB 10K	
System Data	Cell type		LiFePO4
	Battery module		LB51100A
	Module number	1	2
	Nominal capacity	5.12 kWh	10.24 kWh
	Nominal battery voltage		51.2 V
	Battery voltage range		44.8 V - 57.6 V
	Max. charging / discharging current		50 A / 100 A
	Max. charging / discharging power		2.56 kW / 5.12 kW
	Dimensions(W/D/H)		490 / 150 / 680 mm / 640 / 181 / 1017 mm
	Module weight		44.5 kg
Weight		57 kg / 116 kg	
Installation location		indoor / outdoor	
Mounting method		Floor stand / Floor stand / Wall Mount	
Operating temperature range		Charge: 0°C ~ 55°C Discharge: -20°C ~ 55°C	
Storage temperature range		-20°C ~ 55°C	
Cooling concept		Natural convection	
Degree of protection		IP65	
Relative humidity		5~95%, non-condensing	
Max. operating altitude		3000m	
General Data	Scalability	Max.8 sets in parallel	Max.4 sets in parallel
	Communication	CAN	
	Certification	TUV/IEC 62619/IEC 62040/IEC 61000/UN38.3	
	Warranty	10 Years	