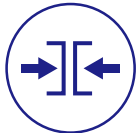


Residential Energy Storage Battery (Floor-mounted)



LFelLi-RES-LV-1



Compact Size

Minimum the footprint



Eco-Friendly

Clean energy



Long Lifespan

Sustainable long cycles



Built-in BMS

Charge & discharge protection

Product Introduction



Up to 15 units of parallel connections,
flexible capacity expansion



The IP65 protection rating should be
suitable for various application scenarios.



Compatible with mainstream inverters in the
market, providing more options



Built-in BMS provides multiple protection
functions

Item	Parameters
Battery Model	LFELi-RES-LV-1
Rated Capacity (5HR)	314 Ah
Nominal Voltage	51.2 V
Rated Energy	16.076 kWh
Discharge Cut-off Voltage	43.2 V
Maximum Charge Voltage	58.4 V
Max. Charge/Discharge Current	145A/180A,200A(30min)
Weight	Approx.131.2 Kg
Display	Without display screen
Communication Interface	RS485/RS232/CAN
Number of parallel connections	Up to 15 units
Dimensions (W*D*H)	590*270*750 mm
Design life	More than 15 years
Cycle Life	More than 6000 cycles @ 80% DOD
Ingress Protection	IP65
Certification	IEC62619,IEC62040,UN38.3
Operation Temperature	Charging: 0 to +50℃ Discharging: -10 to +55℃ Storage: -20 to +60℃
Compatible Inverters	PYLON, Sacolar, Growatt, Sofar, Voltronic, LUX, Schneider, Afore, Sinexcel, Sorotec, GoodWe, Srne, Must, Megarevo, Sol-Ark, INVT, Aiswei, SAKO, Solis, Victron, SMK, BlueSun

*This list only indicates that our battery is compatible with these inverter brands, which does not imply that they have been officially approved by the inverter manufacturers.