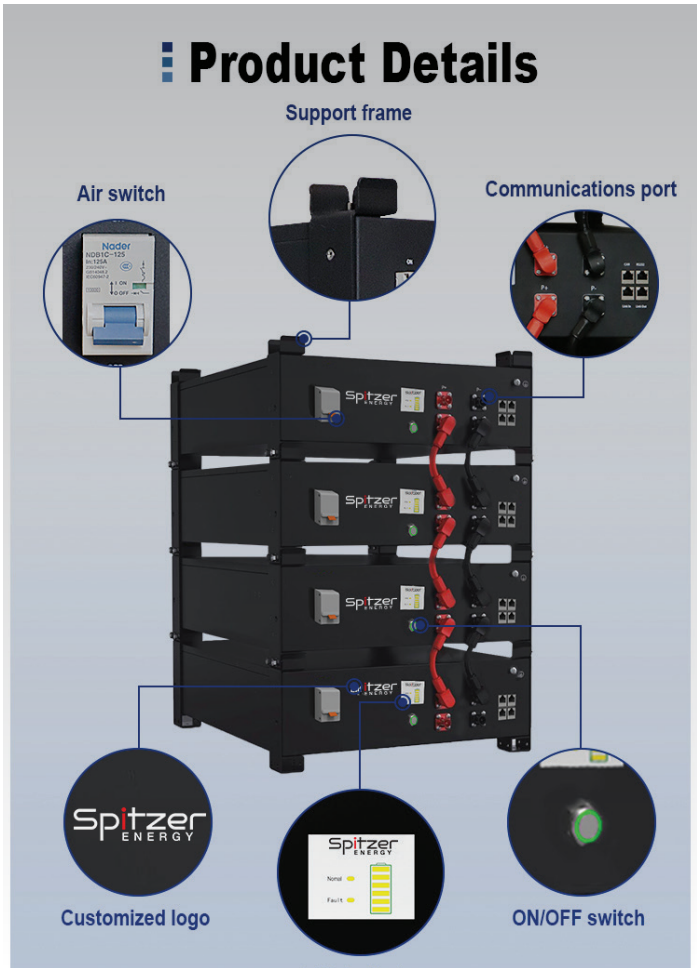
Spitzer ENERGY

Empowering Your Solar Solutions



LV-BAT-R5.12AB | (51.2V 100Ah 5kWh) Expandable

3U Modular LiFePO4 Battery

Affordable, cutting-edge technology for comprehensive solar energy solutions. From Residential peak-shifting to emergency Commercial backup, Spitzer has you covered.

Key Features

3U Design
Applicable for cabinet telecom and solar energy storage system

Flexible Capacity
Max.15pcs in Parallel to extend capacity

Safe &Reliable
Lithium Iron Phosphate (LFP) Cell

LED Display
SOC, Battery Status

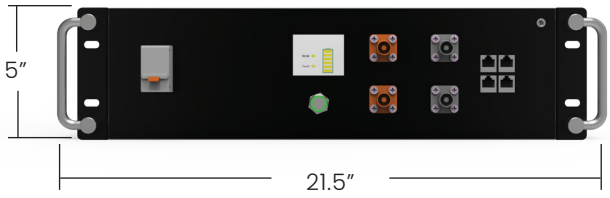
Easy Installation
Quick plug in +/- and RS485 parallel connection

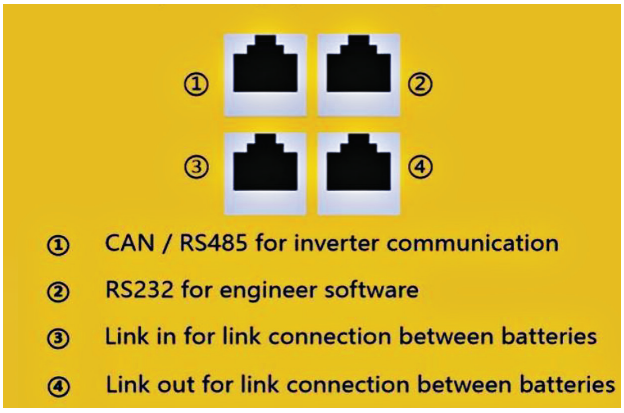
Certificates
ETL UL1973, ETL UL9540A

Technical Specifications

Spitzer Energy Modular Storage Battery

Technical specification	LV-BAT-R5.12AB
General	
Model	LV-BAT-R5.12Ab
Nominal Voltage	51.2V
Rated Capacity	100Ah
Energy	5120Wh
Battery Impedance	≤ 50 mΩ
Charging Cut-off Voltage	56.16 V
Discharge Cut-off Voltage	45.6 V
Recommend Charge Current	0.2 C 20 A
Max. Charge Current	32 ~ 59°F: 20A; 59~ 113°F: 50A;
Max Continue Discharge Current	125 A, -4°F~140°F ; 65±20%RH
Operating Temperature Range	–4~140°F
Storage Environment (50% state of charge)	68F~ 113F in three months; 77±37.4F over three months; Humidity:65±20%RH
Environment	Indoor
Installation	Rack Mount
Cell Technology	Lithium-iron phosphate (LiFePO4)
Life Cycle	6000 times @80%DOD
Cooling	Natural cooling
Protection Rating	IP20
Certificates	ETL UL1973, ETL UL9540A
Dimension and Weight	
Dimension	21.65*17.32*5.12in(3U)
Battery Net Weight (Approx.)	103.48IBS
Communication Instruction	
RS232	Only for debugging, BMS can communicate with the host computer through the RS232 interface, so that varrious information of the battery can be monitored through the host computer, including battery voltage, current, temperature, status and battery production information, etc. The default baud rate is 9600bps.
CAN	For monitoring battery status, with isolated CAN communication, the default communication rate is 500K.
RS485	RS485 is used in parallel, with dual RS485 interfaces, can view the PACK information, the default baud rate is 9600bps.





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