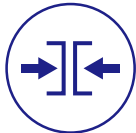


# Residential Energy Storage Battery (Rack-mounted)



LR51.2-100(51.2V100Ah-AT)+Bluetooth+Display



**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



Compatible with mainstream inverters in the  
market, providing more options



LCD display for voltage, current, temperature,  
convenient for users to query

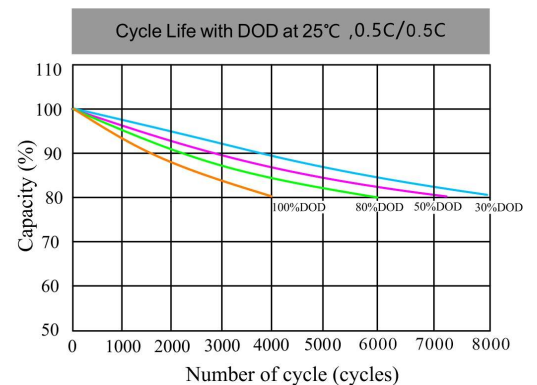
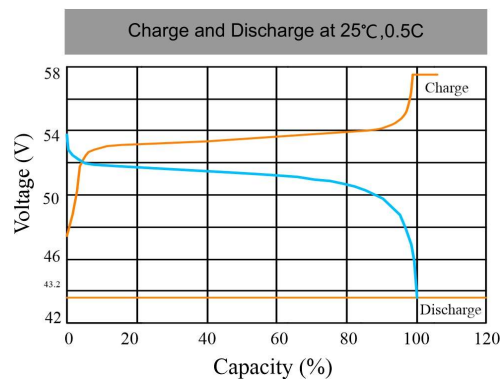


Built-in BMS provides multiple protection  
functions

Item	Parameters
Battery Model	LR51.2-100
Rated Capacity (5HR)	100 Ah
Nominal Voltage	51.2 V
Rated Energy	5.12 kWh
Discharge Cut-off Voltage	43.2 V
Maximum Charge Voltage	58.4 V
Max. Charge/Discharge Current	50/100 A
Weight	Approx.43 Kg
Display	With display screen
Communication Interface	RS485/RS232/CAN
Number of parallel connections	Up to 15 units
Dimensions (W*D*H)	442*450*177 mm
Design life	More than 15 years
Cycle Life	More than 6000 cycles @ 80% DOD
Ingress Protection	IP31
Function	Bluetooth & WiFi
Case Material	SPCC
Operation Temperature	Charging: 0 to +45°C    Discharging: -10 to +55°C    Storage: -20 to +60°C
Compatible Inverters	PYLON, Growatt, Voltronic, Schneider, Sorotec, GoodWe, Srne, Must, Luxpower , Magerevo, Solis, Victron, SMK, SAJ

\*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.

## Characteristics Curve



## ZAFER ENERGY SYSTEMS IND.&FOREIGN TRADE CO.LTD.

### Head Office

BEYLIKDUZU O.S.B MERMERCILER SAN SIT. 9. CAD. NO:18

BEYLIKDUZU/ISTANBUL

TEL : +90(212)632 7775

FAX : +90(212)632 0587

WEB : <http://www.zaferenergy.com>