

# STR Series

Lithium Battery

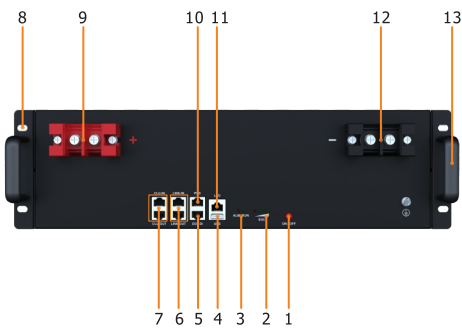


## Main Features



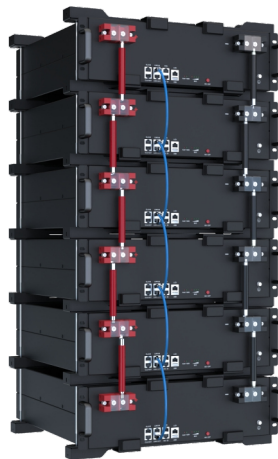
- Capacity: 5.0kwh, 51.2V, 100Ah
- Eve battery cells with Long Cycle Time.
- CAN/RS485 Intelligent BMS, with full protection.
- Parallel up to 48 units, All of them can be turn on/off with one click.
- Multiple upgrade way: U-disk / Remote / PC upgrade.
- An External touchable LCD display for information integration, setting and data saving(optional).
- Supporting bracket installation or, cabinet installation.
- With upper computer software for fault checking function.
- Battery SOC self-calibration with one cycle of charge/discharge.
- No-address dialing and automatically assigns addresses.

## Port Description



- |                   |                     |
|-------------------|---------------------|
| 1. ON/OFF         | 2. SOC              |
| 3. RUN/ALM        | 4. USB              |
| 5. DI/DO          | 6. LINK-In/LINK-Out |
| 7. CLU-In/CLU-Out | 8. Hanger           |
| 9. Battery +      | 10. PCS             |
| 11. LCD           | 12. Battery -       |
| 13. Handle        |                     |

## Installation Style



Bracket Installation



Cabinet Installation

Model	STR5.0L-B1	
Nominal Voltage	51.2V	
Rated Capacity	100Ah	
Rated Energy	5.12kWh	
Working Voltage Range	40-58.4V	
Discharge Cut-off Voltage	40V	
Parallel Max. Units	48 Units	
Max. Charge Current	100A	
Max. Discharge Current	100A	
Cycle Life	>6000 Cycles @0.2C & 80% DOD; >5000 Cycles @0.5C & 80% DOD; >4000 Cycles @1.0C & 80% DOD	
IP Rating	IP20	
Dimension	440*480*130.5mm	
Communication BMS	RS485/CAN	
Warranty	5 Years	
Weight	43kg	
Operation Temperature Discharge	-20~55°C	
Operation Temperature Charge	0~55°C	
Storage Environment	-20~55°C, 10~90%RH	
Certification	CE(EMC)/UN38.3/MSDS/ROHS/IEC62619	
Upgrade Method	U-disk upgrade+Remote upgrade+PC upgrade	

Parallel wiring

