

# RESIDENTIAL ENERGY STORAGE BATTERY (Rack-mounted)



LR51.2-100



**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 groups of parallel connections, flexible capacity expansion



Compatible with mainstream inverters in the market, providing more options



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



Built-in BMS provides multiple protection functions

| Item                               | Parameters   |
|------------------------------------|--|
| Model                              | LR51.2-100   |
| Rated Capacity (5HR)               | 100 Ah   |
| Nominal Voltage                    | 51.2 V   |
| Energy                             | 5.12KWh  |
| Discharge Ending Voltage           | 43.2 V   |
| Charging Limited Voltage           | 57.6 V   |
| Max. Charge/Discharge Current      | 100 A  |
| Weight                             | Approx. 43 Kg  |
| Display                            | With display screen  |
| Protocol                           | RS485/RS232/CAN  |
| Max number of parallel connections | 15   |
| Dimensions (W*D*H) mm (inches)     | 442 *431 *177  |
| Design life                        | More than 15 years   |
| Cycle Life                         | More than 6000 cycles @ 80% DOD  |
| IP Class                           | IP31   |
| Function                           | Bluetooth  |
| Operating Temperature              | Charging: 0 to +45°C    Discharging: -10 to +55°C    Storage: -20 to +60°C |