

RESIDENTIAL ENERGY STORAGE BATTERY (Rack-mounted)



LR51.2-200



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



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



Compatible with mainstream inverters in the market, providing more options



Built-in BMS provides multiple protection functions

| Item | Parameters |
|------------------------------------|--|
| Model | LR51.2-200 |
| Rated Capacity (5HR) | 200 Ah |
| Nominal Voltage | 51.2 V |
| Energy | 10.24KWh |
| Discharge Ending Voltage | 43.2 V |
| Charging Limited Voltage | 57.6 V |
| Max. Charge/Discharge Current | 200 A |
| Weight | Approx. 82 Kg |
| Display | With display screen |
| Protocol | RS485/RS232/CAN |
| Max number of parallel connections | 15 |
| Dimensions (W*D*H) mm (inches) | 442 *550 *244 |
| 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 |
| Compatible Inverters | PYLON, Sacolar, Deye, Growatt, Sofar, Voltronic, LUX, Schneider, Afore, Sinexcel, SUNGROW, Sorotec, GoodWe, KSTAR, Srne, Must, Megarevo, Sol-Ark, INVT, Aiswei, TBB, SAKO, Solis, SMA, Victron, SMK, BlueSun |