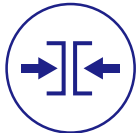
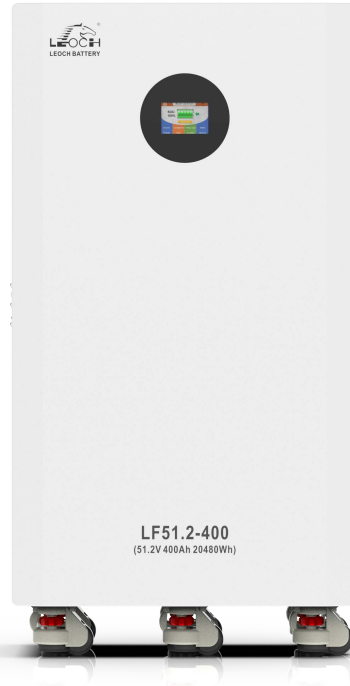


Residential Energy Storage Battery (Floor-mounted)



LF51.2-400



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 | LF51.2-400 |
| Rated Capacity (5HR) | 400 Ah |
| Nominal Voltage | 51.2 V |
| Rated Energy | 20.48 kWh |
| Discharge Cut-off Voltage | 43.2 V |
| Maximum Charge Voltage | 58.4 V |
| Max. Charge/Discharge Current | 200/200 A |
| Weight | Approx.173 Kg |
| Function | LCD/WiFi/Bluetooth |
| Communication Interface | RS485/RS232/CAN |
| Number of parallel connections | Up to 15 units |
| Dimensions (W*D*H) | 540*280*940mm |
| Design life | More than 15 years |
| Cycle Life | More than 6000 cycles @ 80% DOD |
| Ingress Protection | IP31 |
| Case Material | SPCC |
| Operation Temperature | Charging: 0 to +45°C Discharging: -10 to +55°C Storage: -20 to +60°C |
| Compatible Inverters | PYLON, Sacolar, Growatt, Sofar, Voltronic, LUX, Schneider, Afore, Sinexcel, Sorotec, GoodWe, KSTAR, Srne, Must, Megarevo, Sol-Ark, INVT, Aiswei, TBB, SAKO, Solis, Victron, SMK, BlueSun |

*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.