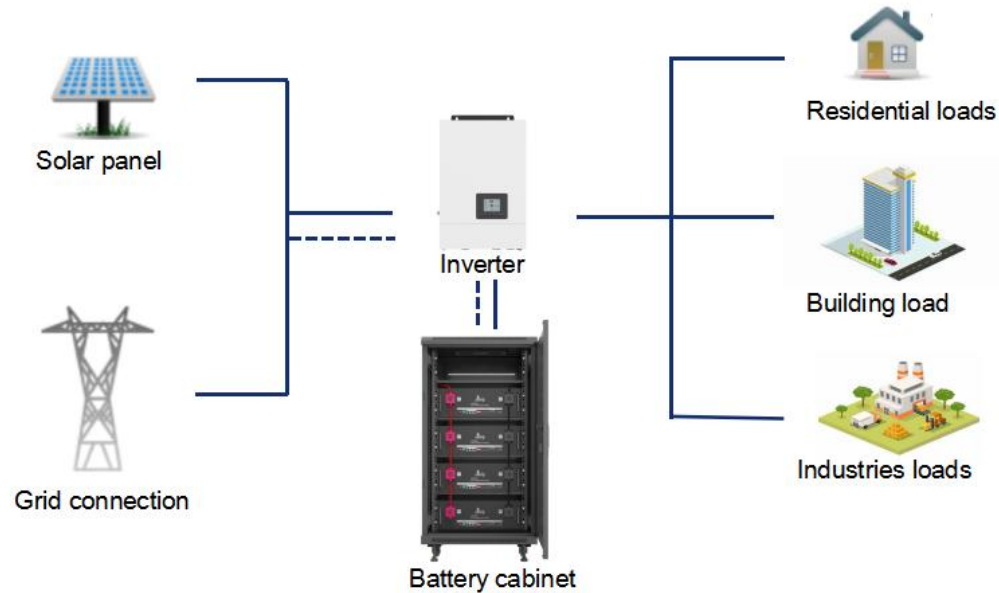


Low-volt LFP Battery

System networking diagram application scenario:

- Residence
- Micro industry and commerce
- Medium industry and commerce



Specification of low-voltage lithium battery

| Low-volt LFP Battery | | | | |
|------------------------------------|--|---------------|---------------|---------------|
| Model | L5160 | L51100 | L51200 | L51280 |
| Basic Parameter | | | | |
| Rated Voltage (V) | 51.2V | 51.2V | 51.2V | 51.2V |
| Rated Capacity (Ah) | 60Ah | 100Ah | 200Ah | 280Ah |
| Rated Energy (Wh) | 3072Wh | 5120Wh | 10240Wh | 14336Wh |
| Operation Parameter | | | | |
| Voltage Range (V) | 43.2-58.4V | | | |
| Charge Voltage Range (V) | 56-58.4V | | | |
| Cut-off Voltage (V) | 43.2V | | | |
| Recommend Charge Current (A) | 30A | 50A | 100A | 140A |
| Max Charge Current (A) | 36A | 60A | 120A | 168A |
| Recommend Discharge Current (A) | 30A | 50A | 100A | 140A |
| Max Discharge Current (A) | 60A | 100A | 200A | 280A |
| Physical Parameter | | | | |
| Dimension : L*W*H (mm) | 445*438*134mm | 445*438*154mm | 445*438*179mm | 445*438*185mm |
| Weight (kg) | 30Kg | 44.5Kg | 75Kg | 90Kg |
| Communication Port | RS485、CAN | RS485、CAN | RS485、CAN | RS485、CAN |
| Display | LED | LED | LED | LED |
| Address range | 0-63 | 0-63 | 0-63 | 0-63 |
| Environment Parameter | | | | |
| IP | IP20 | | | |
| Humidity (%) | 5-95% RH | | | |
| Charge Temperature Range (°C) | 0~60°C | | | |
| Discharge Temperature Range (°C) | -20~60°C | | | |
| Storage Temperature Range (°C) | -20~45°C SOC:20%~50% | | | |
| Cooling mode | Intelligent Fan-cooling temperature control | | | |
| Service Life | | | | |
| Cycle Life | ≥ 6000 (0.5C@ 25°C , 80% DOD) | | | |
| Design Life (Year) | 15 Yrsrs | | | |
| Energy efficiency | ≥98% | ≥98% | ≥98% | ≥98% |
| Certification | | | | |
| Safety & Certification | CE (EMC: EN61000-6-1) CB (TUV: IEC62619) RoHS (2011/65/EU) | | | |
| Transportation | UN38.3,MSDS | | | |