



EverPower LV Battery System



Safe to Use

- Low voltage system with LFP batteries
- High level protection ensure indoor/outdoor use



Modular Expansion

- Modular design makes it easy to install and commission
- Flexible and parallel expansion to meet increasing storage requirement



Reliable Performance

- High efficiency and 90%DoD ensure higher PV self-consumption
- Long cycle life



Flexible Integration

- Compatible with third party storage inverter

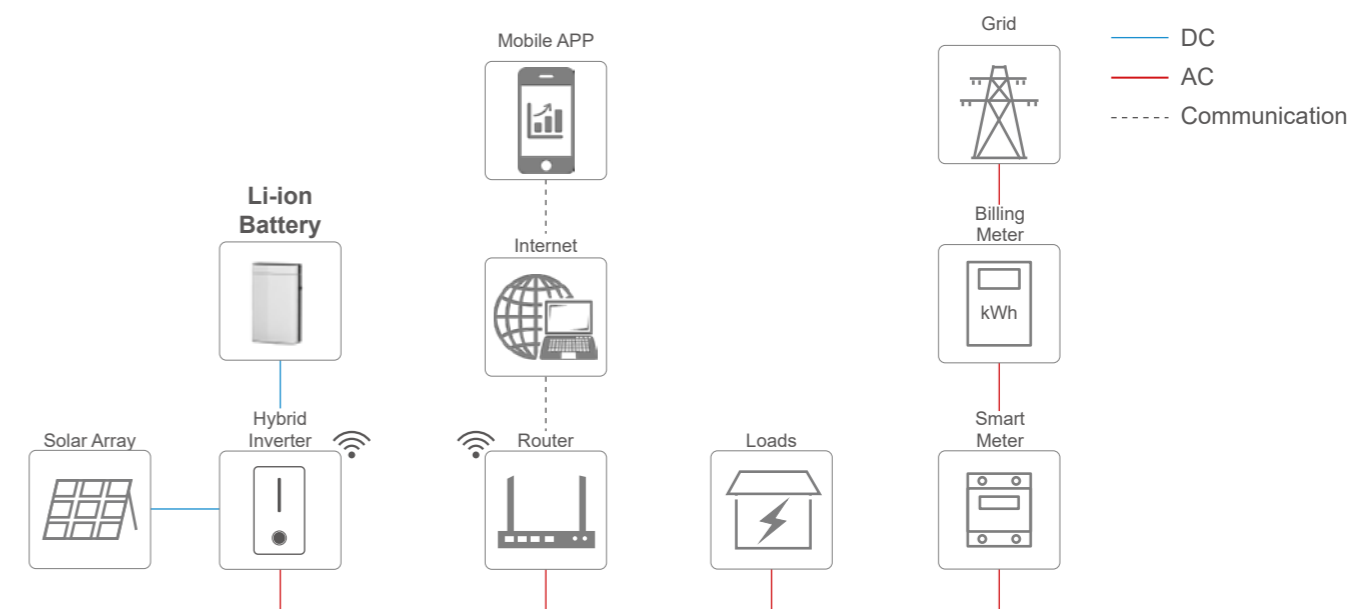


LV Battery System

The BLF51 series is ideal for new installation of home energy storage and retrofit of existing PV system.

With high energy density, BLF51 is space-saving for indoor or outdoor installation. To serve evolving load requirement, flexible expansion can fit your energy demand of today and tomorrow.

System Diagram—Residential



Specifications

Battery Model	BLF51-5
Electrical Data	
Cell Type	LFP
Total Energy	5 kWh
Max. Depth of Discharge	90%
Recommended Depth of Discharge	80%
Nominal Voltage	51.2 V
Operating Voltage Range	40-58.4 V
Nominal Capacity	100 Ah
Max. Charge Current	50 A
Max. Discharge Current	100 A
Max. Parallel Number	5 units
General Data	
Mounting Information	Wall-mounted / Ground-mounted
Communication	CAN / RS485
Operating Temperature	0~45°C charge / -10~50°C discharge
Dimension(W*H*D)	415*665*165 mm
Weight	45 kg
Ingress Protection	IP21

Remarks: Specifications are subject to change without advance notice.