



## Energy Storage Battery

51.2V/100Ah

The LIVOLTEK BLF51 battery series is ideal for the new installation of home energy storage and retrofit of the existing PV system. With high energy density, BLF51 is space-saving for indoor or outdoor installation. To serve evolving load requirements, its flexible expansion feature can fit your energy demand of today and tomorrow.

### Features

- Reliable performance
- Low voltage system with long life prismatic LFP cells
- Modular design makes it easy to install and commission



Safe to Use



Long Cycle Life



Modular Expansion



Flexible Integration

### Compatible Products



Hybrid Inverter



AC Coupled Inverter

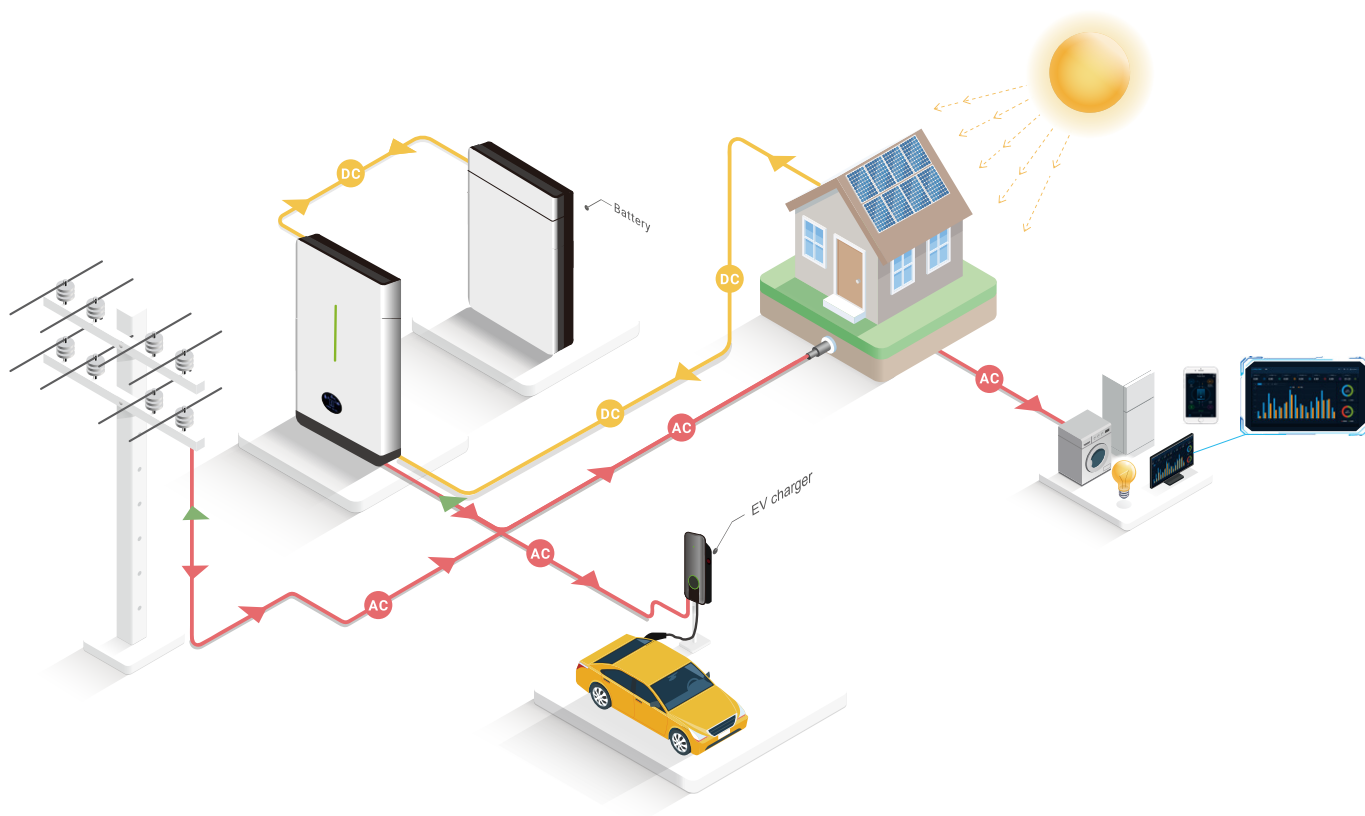


Off-grid Hybrid Inverter



Battery Inverter

## System Diagram—Residential



## Specifications

Model	BLF51-5
<b>Electrical Data</b>	
Cell Type	LFP
Total Energy	5kWh
Max. Depth of Discharge	90%
Recommended Depth of Discharge	80%
Nominal Voltage	51.2V
Operating Voltage Range	40-58.4V
Nominal Capacity	100Ah
Max. Charge Current	50A
Max. Discharge Current	100A
Max. Parallel Number	5 Units
<b>General Data</b>	
Mounting Information	Wall-mounted
Communication	CAN/RS485
Operating Temperature	0~45 ℃ Charge/-10~50 ℃ Discharge
Dimension (W*H*D)	415*665*165mm
Weight	45KG
Ingress Protection	IP21/IP65 (Optional)