

# LB5E1

## Residential energy storage battery

- High-capacity
- High cycle
- Safer



Supports multiple communication protocols



A maximum of 15 batteries can be connected in parallel



High-performance intelligent battery management system, more accurate data, more comprehensive protection



Long cycle life



Can match hybrid inverter used, support for multiple brands inverter communication (SMA, GROWATT, GOODWE, VOLTRONIC, SOFAR, PYLON, etc.)



LB5E1	
Energy capacity of battery	5.12kWh
Battery capacity	100AH
Suttle	52kg
Size LxWxH(mm)	596*465*184
Cell type	LiFePO4
Rated battery voltage	51.2V
Maximum charging voltage	58.4V
End-off voltage	40V
Maximum charging current	100A
Continuous discharge current	100A
Maximum discharge current	200A
Charging temperature range	0~55°C
Discharge temperature range	-20~60°C
Ambient humidity	MAX 90%RH
Storage ambient temperature	-20°C~50°C (15°C~25°C best)
Cycle life	> 4000 times(80% capacity retention ratio)
Parallel volume	15
Communication interface	RS485,RS 232,CAN
Way to install	Wall mounting type