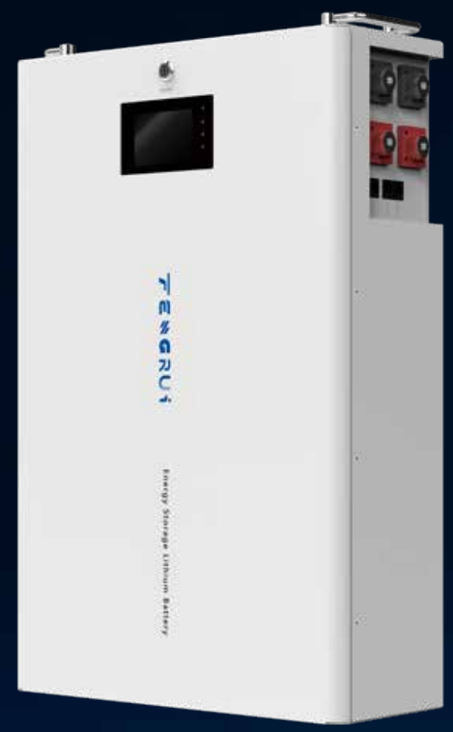
LOW-VOLTAGE

Wall-Mounted Lithium Energy Storage Battery

Model: LB-W5K, LB-W10K
5.12/ 10.24kWh



- Dual Capacity: 5.12kWh / 10.24kWh
- High Discharge: 100A/200A continuous
- Space-Saving: Wall-mounted, no floor space
- Easy Installation: Standard wall-mount, quick setup

Green energy, better life.

Battery Data		
Model	LB-W5K	LB-W10K
Cell Chemistry	LFP	
Pack Configuration	1P16S	
Rated Energy (Wh)	5,120Wh	10,240Wh
Rated Capacity (Ah)	100Ah	200Ah
Rated Voltage (V)	51.2V	
Operating Voltage Range (VDC)	44.8-57.6V	
Max. Continuous Charge/ Discharge Current (A)	50A	
BMS Communication	100A	200A
Depth of Discharge (%)	CAN/RS485	
General Data		
Dimensions(L*W*H) (mm)	400x170x610	500x178x890
Packaging Dimensions(L*W*H) (mm)	494x270x704	620x275x1,000
Weight (kg)	42kg	90kg
Packaging Weight (kg)	48kg	95kg
Altitude (m)	4,000m (Derating above 2,000m)	
Display	LCD	
Safety Protection	Over Charge/Discharge Protection, High/Low Temperature Protection, Over Current Protection, Short Circuit Protection, Cell Voltage Balancing.	
IP Rating	IP20	
Operating Temperature (°C)	-20 ~ 60 ° C	
Relative Humidity	0 ~ 95% Non-condensing	
Cycle Life	6,000 Cycles	
Installation Method	Wall-Mounted	
Certifications	CE, RoHS, UN38.3，MSDS	

Its wall-mounted design saves floor space and offers two capacities: 5.12kWh or 10.24kWh. Designed for apartment balconies, home backup, or small convenience stores, it installs easily to store excess solar power or provide backup for critical loads during outages.