



## LT-W51100 Lithium Battery

LT-W series battery packs are Wall/Floor type residential and commercial lithium batteries, designed for multiple applications. Using our battery technology, you can easily communicate with different inverters to save your electrical bill.

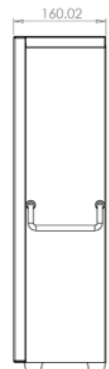
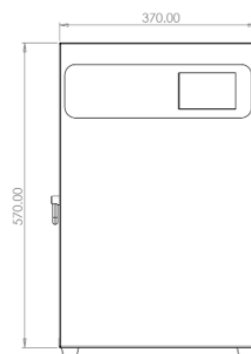
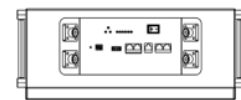


## Benefits of Lithium

- Safe and reliable
- 6000+cycle life, 5 years real manufacturer warranty
- Compatible with different inverters in the market
- Compact and modular design for easy installation
- Remote update, one clicks on/off, dual protection

## Certifications and standards Products

1. ISO 9001:2015
2. ISO 45001:2018
3. ISO 14001:2015
4. UL1973(cell), "Pack in process"
5. IEC62619(cell), "Pack in process"
6. UN38.3



Nominal Characteristic	LT-W51100
Nominal Voltage	51.2V
Nominal Capacity	100Ah(25±2°C,0.2C)
Nominal Energy	5120Wh
Battery chemistry	LiFePO <sub>4</sub>
Gravimetric Energy Density	113Wh/Kg
Dimensions L* W*H	370*160*570 (±2) mm
Reference Weight	45 Kg
Support	Color touch screen BT mobile APP WIFI monitoring (optional)
Scalability	up 15 pcs pack in parallel and parallel communication
Balancer	Active (5A)
Communication protocol	CAN/RS485/RS232
Appearance color (Customizable)	White
Cycle life	≥6000 cycles (25°C ,0.5C,90% DOD)

## Technical Data

+961 70 931 904

Parameter		
Voltage (V)	Operating	43.2 ~ 57.6
	Recommend	48 ~ 56
Charge Method		CC/CV
Current(A)	Max.	Charge: 110 / Discharge: 110 Charge: 50 / Discharge: 50 150@10sec
	Recommend	
	Peak	
Short Circuit Protection		1500A, External short circuit ≤200uS
Recommend Depth of Discharge		90%
Environment temperature		
Charge	Operating	0°C~50°C
	Recommend	15°C~35°C
Discharge	Operating	-20°C~50°C
	Recommend	0°C~35°C
Storage		0°C~35°C