



LT-F25100 Lithium Battery

LT-F series battery packs are Floor Type residential and commercial lithium batteries, designed for multiple applications.

Using our battery technology, you can use them with all inverters to save on your electricity bill.

Benefits of lithium

Safe and reliable

6000 + Cycle life, 5 Years real manufacturer warranty

Compact and modular design for easy installation

Remote update, one clicks on/off, dual protection

Certifications and Standards Products

ISO 9001: 2015

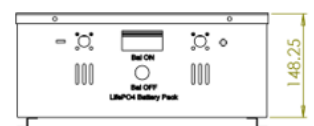
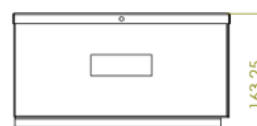
ISO 45001: 2018

ISO 14001: 2015

UL1973 (CELL), "Pack in process"

IEC62619 (CELL), "Pack in process"

UN38.3



MADE IN LEBANON

SPECIFICATIONS	
Nominal Characteristic	LT-F25100
Nominal Capacity	100Ah (25±2°C, 0.2°C)
Nominal Energy	2560Wh
Battery Chemistry	LiFePo ₄
Gravimetric Energy Density	116Wh/Kg
Dimensions L - W - H	364.5 – 311 – 163.25 (±2) mm
Reference Weight	22 Kgs
Support	Screen
Balancer	Passive (50mA)
Appearance Color (Customizable)	Grey
Cycle Life	≥ 6000 Cycles (25°C, 0.5°C, 80% DOD)

TECHNICAL DATA		
Parameter		
Voltage V	Operating	21.6 ~ 28.8
	Recommend	24 ~ 28
Charge Method		CC/CV
Current A	Max.	Charge: 100 / Discharge: 100
	Recommend	Charge: 50 / Discharge: 50
	Peak	110@10sec
Short Circuit Protection		1500A, External Short Circuit ≤200Us
Recommend Depth of Discharge		90%

Environment Temperature		
Charge	Operating	0°C ~ 55°C
	Recommend	15°C ~ 35°C
Discharge	Operating	-20°C ~ 55°C
	Recommend	15°C ~ 35°C
Storage		0°C ~ 35°C

