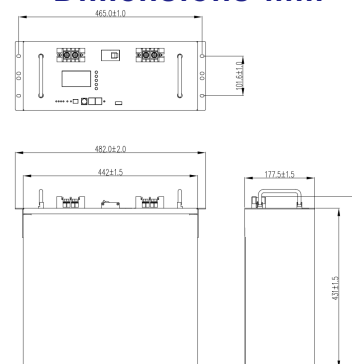


# LFeLi-48100T (48V 100Ah)

- Intra-system balancing
- Flame retardant system to UL94V-0
- Good high temperature performance
- High cycle times and long service life
- Safe Lithium Iron Phosphate Technology
- Thousands of cycles, under normal conditions
- High energy density and conversion efficiency
- Environmental Friendly, without any heavy metals
- Complete with Battery Management System built-in
- Can use most standard VRLA chargers for this system
- Low self discharge rate of 2 years before required recharging
- Easy installation, can be in 19-inch standard cabinet or be wall-mounted
- Built-in automatic protection for over-charge, over-discharge & over-temperature conditions



## Dimensions-mm



## Characteristic

Item	Specification	
Model	LFeLi-48100TA	LFeLi-48100TB
Rated Capacity (5HR)	100 Ah	100 Ah
Nominal Voltage	48.0 V	48.0 V
Discharge Ending Voltage	42.0 V	42.0V
Charging Limited Voltage	54.0 V	54.0 V
Max. Charging Current	100 A	100 A
Max. Continue Discharging Current	100 A	100 A
Weight	Approx. 45 Kg	Approx. 45 Kg
Display	Without display screen	With a LCD display screen
Parallel Connection	Parallel connection is optional (up to 15P).	
Dimensions (W*D*H) mm (inches)	442 (17.40") * 431 (16.97") * 177.5 (6.99")	
Cell	3.2V 100Ah	
Design life	More than 20 years	
Cycle Life	More than 3500 cycles at 100% DOD.	
IP Class	IP31	
Outer Package Material	Black bake lacquer steel case (battery rack or cabinet is optional)	
Operating Temperature	Charging: 0 to +55℃      Discharging: -20 to +60℃      Storage: -20 to +60℃	

## Discharge Table

Constant Current Discharge Table (Amperes) at 25℃						
Model	Voltage \ Time	1 h	2 h	3 h	5 h	10 h
LFeLi-48100T	End of discharge voltage 42 V	95A	49 A	33 A	20 A	10 A

Constant Power Discharge Table (Watts) at 25℃						
Model	Voltage \ Time	1 h	2 h	3 h	5 h	10 h
LFeLi-48100T	End of discharge voltage 42 V	4460W	2295 W	1550 W	940 W	475W



## Packing Dimension(TBD)

- L\*W\*H=530mm\*530mm\*355mm

## Packing List

- Before opening the package, please check if the packaging is damaged.
- After unpacking, please check if product appearance is damaged or there is missing parts. If so, please contact us.

NO.	Item	Description	Quantity
1	Battery Module	LFeLi-48100T	1 Nos.
2	Positive Cable	Size: 25mm <sup>2</sup> ; Length: 1000mm; Color: Red.	1 Nos.
3	Negative Cable	Size: 25mm <sup>2</sup> ; Length: 1000mm; Color: Black.	1 Nos.
4	User Manual	LB-LFeLi-48100TB-UM-EN-V1.0-201808	1 Nos.

## Picture

1: Battery Module



2: Positive Cable



3: Negative Cable



4: User Manual

