

- VRLA Battery- AGM Series
- VRLA Battery- GEL Series
- VRLA Battery- High Temperature Series
- VRLA Battery- OPzV Series
- VRLA Battery- Pure lead Series
- Flooded Battery- OPzS Series

Dimensions-mm

Lithium Battery Series

LFeLi-4850T-K (48V 50Ah)

- Safe to use
- Low self-discharge rate
- Good high temperature performance
- High cycle times and long service life
- High energy density and conversion efficiency
- Environmental Friendly, without any heavy metals
- Complete with Battery Management System built-in
- Easy installation, can be rack-mounted, be wall-mounted or pole-mounted
- Built-in automatic protection for over-charge, over-discharge & over-temperature conditions



















Characteristic

Item	Specification						
Model	LFeLi-4850T-K						
Rated Capacity (5HR)	50 Ah						
Nominal Voltage	51.2 V						
Discharge Ending Voltage	43.2V						
Charging Limited Voltage	57.6V						
Max. Charging Current	50A						
Max. Continue Discharging Current	50A						
Weight	Approx. 30.5 Kg						
Display	Without LCD display						
Parallel Connection	Parallel connection is optional (up to 15P).						
Dimensions (W*D*H) mm (inches)	350(13.78")* 450 (17.72")* 200 (7.87")						
Cell	Primastic						
Design life	More than 15 years						
Cycle Life	More than 3500 cycles at 100% DOD						
IP Class	IP30						
Outer Package Material	Q235A						
Operating Temperature	Charging: 0 to +45℃ Discharging: -20 to +60℃ Storage: -20 to +50℃						

Discharge Table

Constant Current Discharge Table (Amperes) at 25℃									
Model	Voltage Time	1 h	2 h	3 h	5 h	10 h			
LFeLi-4850T-K	End of discharge voltage 43.2V	47.5A	24A	16.6 A	10 A	5 A			

Constant Power Discharge Table (Watts) at 25 $^{\circ}\mathrm{C}$									
Model	Voltage Time	1 h	2 h	3 h	5 h	10 h			
LFeLi-4850T-K	End of discharge voltage 43.2V	2560 W	1280 W	850 W	512 W	256 W			

Publication No :LB-LFeLi-4850T-K-PD-EN-V2.0-202303



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