

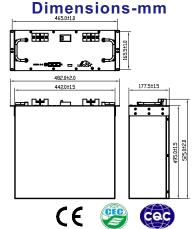
- VRLA Battery- AGM Series
- VRLA Battery- GEL Series
- □ VRLA Battery- High Temperature Series
- VRLA Battery- OPzV Series
- Flooded Battery- OPzS Series

VRLA Battery- Pure lead Series

LFeLi-48150T (48V 150Ah)

- 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









Characteristic

Item	Specification	Specification				
Model	LFeLi-48150TA	LFeLi-48150TB				
Rated Capacity (5HR)	150 AH	150 AH				
Nominal Voltage	48.0 V	48.0 V				
Discharge Ending Voltage	42.0 V	42.0 V				
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. 65 Kg	Approx. 65 Kg				
Display	Without a display screen With a LCD display screen					
Parallel Connection	Parallel connection is optional .	Parallel connection is optional .				
Dimensions (W*D*H) mm (inches)	442 (17.40") * 495 (19.5 ") * 177 (6.97")					
Cell Type	Prismatic cell					
Design life	More than 15 years					
Cycle Life	More than 5000 cycles at 80% DOD.					
IP Class	IP31					
Case material	Gray back lacquer steel (battery rock o	Gray back lacquer steel (battery rock 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	1.5 h	3 h	5 h	7.5 h	10 h		
LFeLi-48150TA	End of discharge voltage 42.0 V	100A	50 A	30 A	20 A	15 A		
LFeLi-48150TB	End of discharge voltage 42.0 V	100A	50 A	30 A	20 A	15 A		
Constant Power Discharge Table (Watts) at 25℃								
Model	Voltage Time	1.5 h	3 h	5 h	7.5 h	10 h		

LFeLi-48150TA 2400 W End of discharge voltage 42.0 V 4800W 1440 W 960 W 720W LFeLi-48150TB 2400 W End of discharge voltage 42.0 V 4800W 1440 W 960 W 720W

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Libattery@leoch.com

Leoch International Technology Limited

Add:5th Floor, Xinbaohui Bldg., Nanhai Blvd, Nanshan, Shenzhen, China. 518054

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