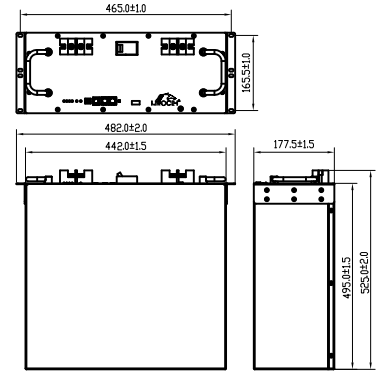


LFeLi-48150T (48V 150Ah)

- 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



Dimensions-mm



Characteristic

Item	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 .	
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 or cabinet is optional)	
Operating Temperature	Charging: 0 to +55°C Discharging: -20 to +60°C Storage: -20 to +60°C	

Discharge Table

Constant Current Discharge Table (Amperes) at 25°C						
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°C						
Model	Voltage \ Time	1.5 h	3 h	5 h	7.5 h	10 h
LFeLi-48150TA	End of discharge voltage 42.0 V	4800W	2400 W	1440 W	960 W	720W
LFeLi-48150TB	End of discharge voltage 42.0 V	4800W	2400 W	1440 W	960 W	720W

