

Lithium Iron Phosphate Battery

LFELI-48150 (48V150Ah)

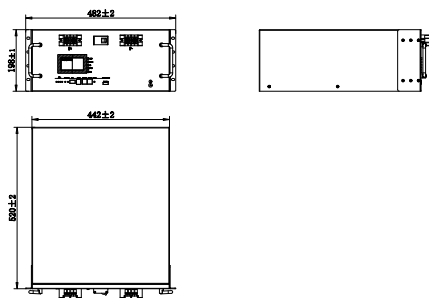


Features Of LiFePO4 Battery

- Safe Lithium Iron Phosphate Technology
- Safe to use Low self-discharge rate
- Excellent high temperature performance
- High cycle times and long life
- High energy density and conversion efficiency
- Environmentally friendly without any heavy metals
- High-performance BMS battery management system
- Easy to install, 19-inch cabinet or wall-mounted installation



Physical Dimension-mm



Typical Applications

- Access Network Equipment
- Remote Switching Offices
- Mobile Communication Equipment
- Transmission Equipment
- Satellite Ground Stations
- Microwave Communication Equipment
- Communication field as backup power supply

Item	Parameters
Model	LFELI-48150
Rated Capacity (5HR)	150 Ah
Nominal Voltage	48V
Discharge Ending Voltage	37.5V
Charging Limited Voltage	55.5V
Max. Charging/Discharge Current	100A (Maximum Overcurrent 150A)
Weight	Approx. 59KG
Energy	7200Wh
Display	With LCD display
Max. number of parallel connection	64
Dimensions (W*D*H) mm	442*520*198
Design Life	20 years
Cycle Life	6000 cycles
IP Class	IP30
Case Material	SPCC
Operating Temperature	Charging: 0 to +45°C, Discharging: -10 to +55°C, Storage: -20 to +60°C
Terminal	M6

Constant Current Discharge Table (Amperes) at 25°C

Voltage \ Time	1.5h	3 h	6 h	8 h	10 h
End of discharge voltage 37.5V	100A	50A	25A	18.75A	15A

Constant Power Discharge Table (Watts) at 25°C

Voltage \ Time	1.5 h	3 h	6 h	8 h	10 h
End of discharge voltage 37.5V	4800W	2400W	1200W	900W	720W