

Lithium Iron Phosphate Battery

LFELI-48150ZN(48V150Ah)



Features Of LiFePO4 Battery

- Safe Lithium Iron Phosphate Technology
- Environmentally friendly without any heavy metals
- Safe to use low self-discharge rate
- High cycle times and long life
- High energy density and conversion efficiency
- High-performance BMS battery management system
- Easy to install, 19-inch cabinet or wall-mounted installation
- Support constant voltage discharge output
- Support the parallel mixed use of lead-acid batteries/ old and new batteries to extend the life of old batteries

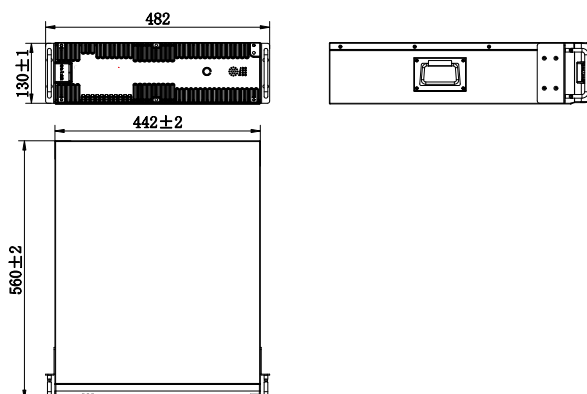
Application Scenarios

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

Discharge Data

Time(h)	1.5	3	6	8	10
Constant Current(A)	100	50	25	18.75	15
Constant Power(Watts)	4800	2400	1200	900	720

Physical Dimension-mm



Specification

Model	LFELI-48150ZN	
Nominal Voltage	48V	
Rated Capacity(@25°C,0.2C)	150Ah	
Energy(@25°C,0.2C)	7200Wh	
Dimensions(W*D*H)mm	442*560*130	
Weight	Approx.58Kg	
Case Material	SPCC (Aluminum Alloy panel)	
Terminal	M6	
LCD Screen	No	
IP Rating	IP30	
Design Life	≥15 years	
Cycle Life	6000 cycles	
Temp. Range	Charge	0~55°C
	Discharge	-20~60°C
	Storage	-20~60°C
Recom. Temp. Range	Charge	15~35°C
	Discharge	15~35°C
	Storage	-10~35°C
Recom.average charging/ float charging voltage	54V/51.75V	
Max. Charging/ Discharge Current	100A	
Discharge Ending Voltage	40.5V	
Max.number of parallel connection	15	
Communication	Parallel dual RS485, CAN/Dry contact*3	