

Lithium Iron Phosphate Battery

LFELI-51150ZN (51.2V150Ah)

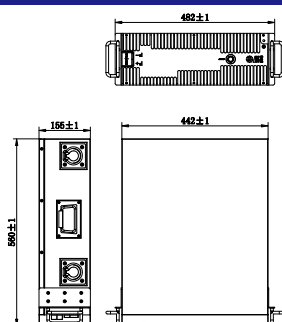


Features Of LiFePO4 Battery

- 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 into 19 inch cabinet or rack



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-51150ZN
Rated Capacity (5HR)	150 Ah
Nominal Voltage	51.2V
Discharge Ending Voltage	42V
Charging Limited Voltage	54.2V
Max. Charging/Discharge Current	100A
Weight	Approx. 60KG
Energy	7680Wh
Display	Without LCD display
Max. number of parallel connection	32
Dimensions (W*D*H) mm	442*560*155
Design Life	20 years
Cycle Life	6000 cycles
IP Class	IP30
Case Material	SPCC
Operating Temperature	Charging: 0 to +55°C, Discharging: -20 to +60°C, Storage: -20 to +60°C

Constant Current Discharge Table (Amperes) at 25°C

Voltage \ Time	1.5h	3 h	6 h	8 h	10 h
End of discharge voltage 42V	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 42V	5120W	2560W	1280W	960W	768W