

Lithium Iron Phosphate Battery

LFELI-5180 (51.2V80Ah)

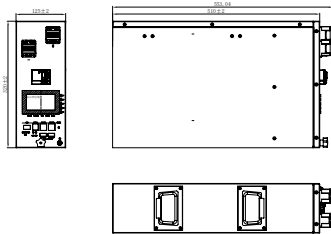


Features Of LiFePO4 Battery

- 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



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-5180
Rated Capacity (5HR)	80 Ah
Nominal Voltage	51.2V
Lower Discharge Voltage Limit	40.0V
Upper Charge Voltage limit	58.4V
Max. Charging/Discharge Current	80A
Weight	Approx. 35KG
Energy	4096Wh
Display	With LCD display
Max. Modbus Grouping	64
Dimensions (W*D*H) mm	125*510*320
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

Constant Current Discharge Table (Amperes) at 25°C

Voltage \ Time	1 h	2 h	3 h	5 h	10 h
End of discharge voltage 42V	80A	40A	26.7A	16A	8A

Constant Power Discharge Table (Watts) at 25°C

Voltage \ Time	1 h	2 h	3 h	5 h	10 h
End of discharge voltage 42V	4096W	2048W	1365.4W	819.2W	409.6W