Lithium Iron Phosphate Battery

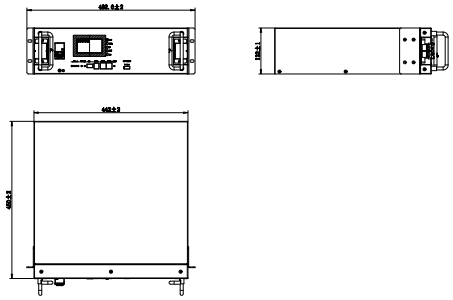
LFELI-48100 (48V100Ah)

LEOCH BATTERY

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-48100
Rated Capacity (5HR)	100 Ah
Nominal Voltage	48V
Discharge Ending Voltage	37.5V
Charging Limited Voltage	54.75V
Max. Charging/Discharge Current	100A
Weight	Approx. 40.5KG
Energy	4800Wh
Display	With LCD display
Max. number of parallel connection	64
Dimensions (W*D*H) mm	442*450*133
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 h	2 h	3 h	5 h	10 h
End of discharge voltage 37.5V	100A	50A	33.3A	20A	10A

Constant Power Discharge Table (Watts) at 25°C

Voltage \ Time	1 h	2 h	3 h	5 h	10 h
End of discharge voltage 37.5V	4800W	2400W	1600W	960W	480W

Data above is recommended and the picture is only for battery effect display, Leoch reserve the final right of explanation.

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