

Lithium Iron Phosphate Battery

DS-4850(48V50Ah)



Features Of LiFePO₄ Battery

- Safe and stable LiFePO₄ technology
- Environmentally friendly, free from heavy metals
- 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

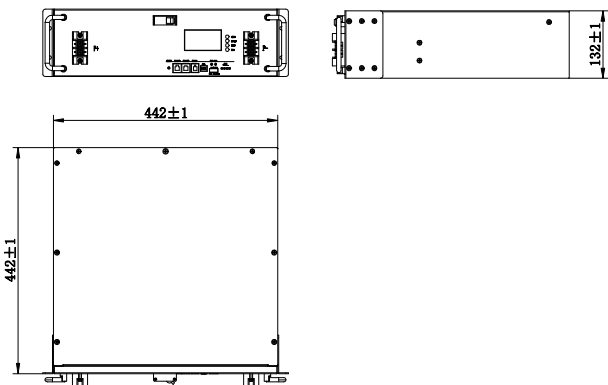
Application Scenarios

- 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	2	3	5	10
Constant Current(A)	50	25	16.6	10	5
Constant Power(Watts)	2400	1200	800	480	240

Physical Dimension-mm



Specification

Model	DS-4850	
Nominal Voltage	48V	
Rated Capacity(@25°C,0.2C)	50Ah	
Energy(@25°C,0.2C)	2400Wh	
Dimensions(W*D*H)	442*442*132mm	
Weight	Approx.26Kg	
Case Material	SPCC	
Terminal Type	M6	
LCD Screen	Yes	
Ingress Protection	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
Max charging/ Recommended charging voltage	54V/52.8V	
Max. Charging/ Discharge Current	50A	
Discharge Ending Voltage	40.5V	
Max.number of parallel connection	15	
Communication Interface	Parallel dual RS485, RS232/Dry contact*2	