

# LFelLi-4850 (48V 50Ah)

- Safety in use
- low self discharge rate
- Good high temperature performance
- High cycle times and long service life
- High energy density and conversion efficiency
- Environmental Friendly, without any heavy metals
- Easy installation, can be in 19-inch standard cabinet or be wall-mounted



## ■ Characteristic

Item	Specification	
Model	LFelLi4850A	LFelLi4850B
Rated Capacity (10HR)	50 AH	50 AH
Nominal Voltage	48 V	48 V
Discharge Ending Voltage	43.2 V	43.2 V
Charging Limited Voltage	57.6 V	57.6 V
Max. Charging Current	50.0 A	50.0 A
Max. Continue Discharging Current	50.0 A	50.0 A
Weight	Approx. 28 Kg	Approx. 28 Kg
Display	Without a display screen	With a LCD display screen
Parallel connection	Parallel connection is optional (up to 10P). When paralleling, the max. charging current is 10A.	
Dimension (mm)	442 (Length) * 385 (Width) * 132 (Height)	
Containing Cell	3.2V 50AH	
IP Class	IP30	
Outer Package Material	White bake lacquer steel case (battery rack or cabinet is optional)	
Operating Temperature	Charging: 0 to +45°C    Discharging: -20 to +60°C    Storage: -20 to +60°C	

## ■ Discharge Table

**Constant Current Discharge Table (Amperes) at 25°C**

Model	Voltage	Time	Time				
			1 h	2 h	3 h	5 h	10 h
LFelLi4850A	End of discharge voltage 43.2 V		47.5	24.0	16.6	10	5
LFelLi4850B	End of discharge voltage 43.2 V		47.5	24.0	16.6	10	5

**Constant Power Discharge Table (Watts) at 25°C**

Model	Voltage	Time	Time				
			1 h	2 h	3 h	5 h	10 h
LFelLi4850A	End of discharge voltage 43.2 V		2400	1205	805	484	243
LFelLi4850B	End of discharge voltage 43.2 V		2400	1205	805	484	243