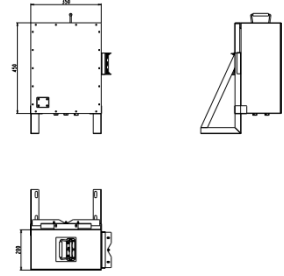
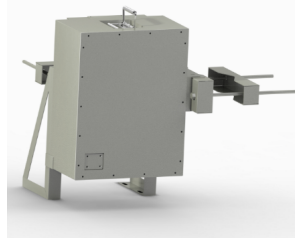


# LFELi-4850T-K (48V 50Ah)

## Dimensions-mm

- Safe to 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
- Complete with Battery Management System built-in
- Easy installation, can be rack-mounted, be wall-mounted or pole-mounted
- Built-in automatic protection for over-charge, over-discharge & over-temperature conditions



## Characteristic

Item	Specification
Model	LFELi-4850T-K
Rated Capacity (5HR)	50 Ah
Nominal Voltage	51.2 V
Discharge Ending Voltage	43.2V
Charging Limited Voltage	57.6V
Max. Charging Current	50A
Max. Continue Discharging Current	50A
Weight	Approx. 30.5 Kg
Display	Without LCD display
Parallel Connection	Parallel connection is optional (up to 15P).
Dimensions (W*D*H) mm (inches)	350(13.78")* 450 (17.72")* 200 (7.87")
Cell	Primastic
Design life	More than 15 years
Cycle Life	More than 3500 cycles at 100% DOD
IP Class	IP30
Outer Package Material	Q235A
Operating Temperature	Charging: 0 to +45°C      Discharging: -20 to +60°C      Storage: -20 to +50°C

## Discharge Table

Constant Current Discharge Table (Amperes) at 25°C							
Model	Voltage	Time	1 h	2 h	3 h	5 h	10 h
LFELi-4850T-K	End of discharge voltage 43.2V		47.5A	24A	16.6 A	10 A	5 A

Constant Power Discharge Table (Watts) at 25°C							
Model	Voltage	Time	1 h	2 h	3 h	5 h	10 h
LFELi-4850T-K	End of discharge voltage 43.2V		2560 W	1280 W	850 W	512 W	256 W

