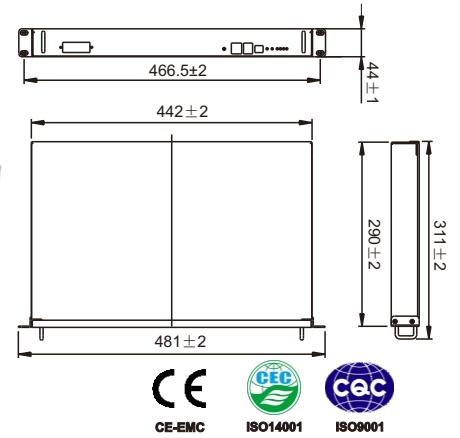


# LFELi-4810S (48V 10Ah)

- Intra-system balancing
- Flame retardant system to UL94V-0
- Good high temperature performance
- High cycle times and long service life
- Safe Lithium Iron Phosphate Technology
- Thousands of cycles, under normal conditions
- High energy density and conversion efficiency
- Environmental Friendly, without any heavy metals
- Complete with Battery Management System built-in
- Can use most standard VRLA chargers for this system
- Low self discharge rate of 2 years before required recharging
- Easy installation, can be in 19-inch standard cabinet or be wall-mounted
- Built-in automatic protection for over-charge, over-discharge & over-temperature conditions



## Dimensions-mm



## Characteristic

Item	Specification
Model	LFELi-4810S
Rated Capacity (5HR)	10 AH
Nominal Voltage	48.0 V
Discharge Ending Voltage	40.5 V
Charging Limited Voltage	54.0 V
Max. Charging Current	10.0 A
Max. Continue Discharging Current	10.0 A
Weight	Approx. 9.5 Kg
Display	Without a display screen
Parallel Connection	Don't support parallel connection
Dimensions (W*D*H) mm (inches)	442 (17.4") * 290 (11.42") * 44 (1.73")
Cell Type	3.2V 10AH (15S1P) & Pouch cell
Design Life	More than 10 years
Cycle Life	More than 4000 cycles at 80% DOD
IP Class	IP 30
Safety Certificate	/
Operating Temperature	Charging: 0 to +55 °C    Discharging: -20 to +60 °C    Storage: -20 to +60 °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-4810S	End of discharge voltage 40.5 V		9.5 A	4.8 A	3.3 A	2 A	1 A

Constant Power Discharge Table (Watts) at 25°C							
Model	Voltage	Time	1 h	2 h	3 h	5 h	10 h
LFELi-4810S	End of discharge voltage 40.5 V		440 W	229 W	157 W	96 W	48 W



## Packing Dimension

■ L\*W\*H=539mm\*531mm\*123mm

## Packing List

- Before opening the package, please check if the packaging is damaged.
- After unpacking, please check if product appearance is damaged or there is missing parts. If so, please contact us.

NO.	Item	Description	Quantity
1	Battery Module	LFELi-4810S	1 Nos.
2	Positive Cable	Size: AWG13; Length: 1000mm; Color: Red.	1 Nos.
3	Negative Cable	Size: AWG13; Length: 1000mm; Color: Blue.	1 Nos.
4	User Manual	LB-LFeLi-48S-UM-IN-V1.0-201711	1 Nos.

## Picture

1: Battery Module



2: Positive Cable



3: Negative Cable



4: User Manual

