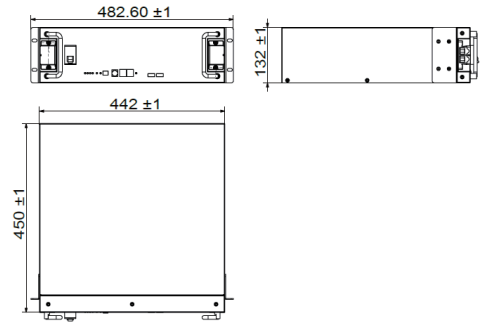


# LFELI-48100

- Anti-theft with tilt feature
- 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-48100
Rated Capacity (5HR)	100 Ah
Nominal Voltage	48.0 V
Discharge Ending Voltage	42.0 V
Charging Limited Voltage	54.0 V
Max. Charging Current	100 A
Max. Continue Discharging Current	100 A
Weight	Approx. 41 Kg
Display	Without LCD display
Parallel Connection	Parallel connection is optional (up to 15P).
Dimensions (W*D*H) mm (inches)	442 (17.40") * 450 (17.72") * 132 (5.20")
Cell	3.2V 100Ah
Design life	More than 15 years
Cycle Life	More than 5000 cycles at 80% DOD
IP Class	IP31
Outer Package Material	Black bake lacquer steel case (battery rack or cabinet is optional)
Operating Temperature	Charging: 0 to +50°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-48100	End of discharge voltage 42 V		95A	49 A	33 A	20 A	10 A

Constant Power Discharge Table (Watts) at 25°C							
Model	Voltage	Time	1 h	2 h	3 h	5 h	10 h
LFELi-48100	End of discharge voltage 42 V		4460W	2295 W	1550 W	940 W	475W

