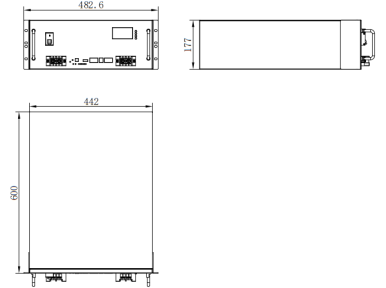


# LFELi-48150MB16 (51.2V 150Ah)

- 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-48150MB16
Rated Capacity (5HR)	150 Ah
Nominal Voltage	51.2 V
Discharge Ending Voltage	43.2 V
Charging Limited Voltage	57.6 V
Max. Charging Current	100 A
Max. Continue Discharging Current	100 A
Weight	Approx. 62 Kg
Display	LCD display
Parallel Connection	Parallel connection is optional (up to 15P).
Dimensions (W*D*H) mm (inches)	442 (17.40") * 600(23.62") * 177 (6.97")
Protocol	CAN & MODBUS
Cell	3.2V 150Ah
Design life	More than 15 years
Cycle Life	More than 3500 cycles at 100% DOD
IP Class	IP31
Outer Package Material	Black bake lacquer steel case (battery rack or cabinet is optional)
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	1.5 h	2 h	3 h	5 h	10 h
LFELi-48150	End of discharge voltage 43.2 V		95A	75 A	50 A	30 A	15 A

Constant Power Discharge Table (Watts) at 25°C							
Model	Voltage	Time	1.5 h	2 h	3 h	5 h	10 h
LFELi-48150	End of discharge voltage 43.2V		4800W	3600 W	2400 W	1440 W	720 W

