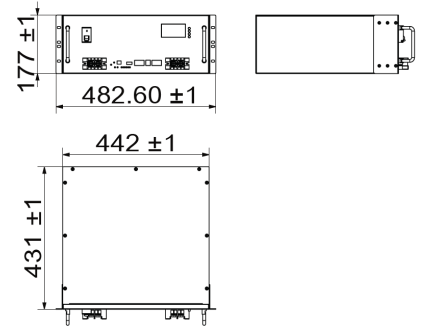


# LFELi-48100MB16 (48V 100Ah)

- 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-48100MB16
Rated Capacity (5HR)	100 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. 43 Kg
Display	With display screen
Protocol	CANBUS/ MODBUS
Parallel Connection	Parallel connection is optional (up to 15P).
Dimensions (W*D*H) mm (inches)	442 (17.40") * 431 (16.97") * 177 (6.99")
Cell	3.2V 100Ah
Design life	More than 20 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 +60°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-48100TCAN	End of discharge voltage 43.2 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-48100TCAN	End of discharge voltage 43.2 V		4850W	2500 W	1700W	1024 W	512W

