

VRLA Battery- AGM Series

VRLA Battery- GEL Series

VRLA Battery- High Temperature Series

- VRLA Battery- OPzV Series
- Lithium Battery Series

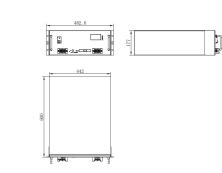
Dimensions-mm

VRLA Battery- Pure lead Series

□ Flooded Battery- OPzS Series

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





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	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℃									
Model	Voltage	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			

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