

VRLA Battery- AGM Series

VRLA Battery- GEL Series

□ VRLA Battery- High Temperature Series

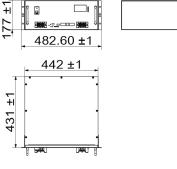
- VRLA Battery- OPzV Series
- VRLA Battery- Pure lead Series
 Flooded Battery- OPzS Series

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	lp31							
Outer Package Material	Black bake lacquer steel case (battery rack or cabinet is optional)							
Operating Temperature	Charging: 0 to $+60^{\circ}$ CDischarging: -20 to $+60^{\circ}$ CStorage: -20 to $+60^{\circ}$ C							

Discharge Table

Constant Current Discharge Table (Amperes) at 25°C									
Model	Voltage	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	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			

Publication No :LB-LFeLi-48100MB16-PD-EN-V1.3-202103

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