

VRLA Battery- AGM Series

VRLA Battery- GEL Series

VRLA Battery- High Temperature Series

- VRLA Battery- OPzV Series
- Lithium Battery Series
- VRLA Battery- Pure lead Series

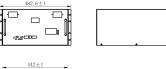
□ Flooded Battery- OPzS Series

## LFeLi-48200TB (48V 200Ah)

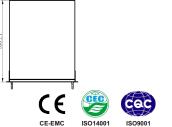
## Anti-theft with tilt feature

- 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-48200							
Rated Capacity (5HR)	200 Ah							
Nominal Voltage	51.2 V							
Discharge Ending Voltage	43.2 V							
Charging Limited Voltage	57.6V							
Max. Charging Current	100 A							
Max. Continue Discharging Current	100 A							
Weight	Approx. 83 Kg							
Display	Without LCD display							
Parallel Connection	Parallel connection is optional (up to 15P).							
Dimensions (W*D*H) mm (inches)	442 (17.40") * 550 (21.65") * 244 (9.61")							
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 $+50^{\circ}$ CDischarging: -20 to $+60^{\circ}$ CStorage: -20 to $+60^{\circ}$ C							

## **Discharge Table**

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Constant Current Discharge Table (Amperes) at 25 $^\circ\!\!\mathbb{C}$									
Model	Voltage Time	1 h	2 h	3 h	5 h	10 h			
LFeLi-48200	End of discharge voltage 43.2V	NA	100 A	66 A	40 A	20 A			

Constant Power Discharge Table (Watts) at 25 °C									
Model	Voltage	1 h	2 h	3 h	5 h	10 h			
LFeLi-48200	End of discharge voltage 43.2V	NA	5120 W	3379W	2048W	1024W			

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