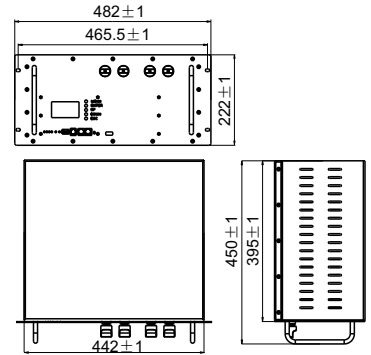


LFeLi-48100C (48V 100Ah)

- 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-48100CA	LFeLi-48100CB
Rated Capacity (5HR)	100 AH	100 AH
Nominal Voltage	48.0 V	48.0 V
Discharge Ending Voltage	40.5 V	40.5 V
Charging Limited Voltage	54.0 V	54.0 V
Max. Charging Current	100 A	100 A
Max. Continue Discharging Current	100 A	100 A
Weight	Approx. 62 Kg	Approx. 62 Kg
Display	Without a display screen	With a LCD display screen
Parallel Connection	Parallel connection is optional (up to 16P). When paralleling, the max. charging current is 20A.	
Dimensions (W*D*H) mm (inches)	442 (17.40") * 395 (15.56") * 222 (8.74")	
Containing Cell	3.2V 50AH	
Design life	More than 12 years	
Cycle Life	More than 3500 cycles at 100% DOD.	
IP Class	IP30	
Outer Package Material	Black bake lacquer steel case (battery rack or cabinet is optional)	
Operating Temperature	Charging: 0 to +45°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	4 h	5 h	10 h
LFeLi-48100CA	End of discharge voltage 40.5 V	95A	49 A	33 A	25 A	20 A	10 A
LFeLi-48100CB	End of discharge voltage 40.5 V	95A	49 A	33 A	25 A	20 A	10 A

Constant Power Discharge Table (Watts) at 25°C							
Model	Voltage \ Time	1 h	2 h	3 h	4 h	5 h	10 h
LFeLi-48100CA	End of discharge voltage 40.5 V	4560W	2400 W	1610 W	1210 W	970 W	486 W
LFeLi-48100CB	End of discharge voltage 40.5 V	4560W	2400 W	1610 W	1210 W	970 W	486 W

