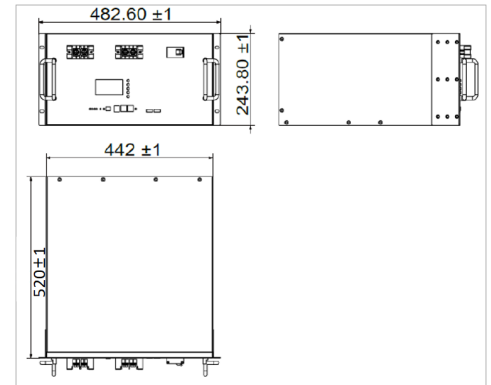


# LFELi-48200T (48V 200Ah)

- 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	LFELi48200TA	LFELi48200TB
Rated Capacity (5HR)	200 AH	200AH
Nominal Voltage	48 V	48 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. 82 Kg	Approx. 82 Kg
Display	Without a display screen	With a LCD display screen
Parallel connection	Parallel connection is optional (up to 16P).	
Dimensions (L*W*H) mm (inches)	442 (17.40") * 520 (20.47") * 243.8 (9.61")	
Containing Cell	3.2V, 200AH Prismatic Lithium Iron Phosphate cells.	
Design life	More than 15 years	
Cycle Life	8000 cycles at 50% DOD; 5000 cycles at 80% DOD; > 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 +55°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
LFELi48200TA	End of discharge voltage 40.5 V	NA	100A	67 A	40 A	20 A
LFELi48200TB	End of discharge voltage 40.5 V	NA	100A	67 A	40 A	20 A

Constant Power Discharge Table (Watts) at 25°C						
Model	Voltage \ Time	1 h	2 h	3 h	5 h	10 h
LFELi48200TA	End of discharge voltage 40.5 V	NA	4800 W	3216 W	1920 W	960 W
LFELi48200TB	End of discharge voltage 40.5 V	NA	4800 W	3216 W	1920 W	960 W