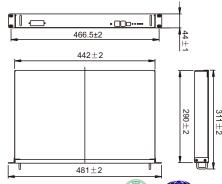


- VRLA Battery- AGM Series
- VRLA Battery- GEL Series
- **VRLA Battery- High Temperature Series**
- **VRLA Battery- OPzV Series**
- **VRLA Battery- Pure lead Series**
- Flooded Battery- OPzS Series

Dimensions-mm

Lithium Battery Series



CE





LFeLi-4810S (48V 10Ah)

- 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

Characteristic

Item	Specification				
Model	LFeLi-4810S				
Rated Capacity (5HR)	10 AH				
Nominal Voltage	48.0 V				
Discharge Ending Voltage	40.5 V				
Charging Limited Voltage	54.0 V				
Max. Charging Current	10.0 A				
Max. Continue Discharging Current	10.0 A				
Weight	Approx. 9.5 Kg				
Display	Without a display screen				
Parallel Connection	Don't support parallel connection				
Dimensions (W*D*H) mm (inches)	442 (17.4") * 290 (11.42") * 44 (1.73")				
Cell Type	3.2V 10AH (15S1P) & Pouch cell				
Design Life	More than 15years				
Cycle Life	More than 5000 cycles at 80% DOD				
IP Class	IP 31				
Safety Certificate	1				
Operating Temperature	Charging: 0 to +55 ℃ Discharging: -20 to +60 ℃ Storage: -20 to +60 ℃				

Discharge Table

Constant Current Discharge Table (Amperes) at 25℃								
Model	Voltage Time	1 h	2 h	3 h	5 h	10 h		
LFeLi-4810S	End of discharge voltage 40.5 V	9.5 A	4.8 A	3.3 A	2 A	1 A		
Constant Power Discharge Table (Watts) at 25℃								
	Const	tant Power Disc	charge Table (V	/atts) at 25℃				
Model	Voltage Time	tant Power Disc	charge Table (W	/atts) at 25 ℃	5 h	10 h		



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