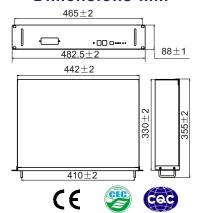


- VRLA Battery- AGM Series
- VRLA Battery- GEL Series
- □ VRLA Battery- High Temperature Series
- VRLA Battery- OPzV Series **VRLA Battery- Pure lead Series**
 - Flooded Battery- OPzS Series

Dimensions-mm



LFeLi-4820S (48V 20Ah)

- 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-4820S				
Rated Capacity (5HR)	20 AH				
Nominal Voltage	48.0 V				
Discharge Ending Voltage	40.5 V				
Charging Limited Voltage	54.0 V				
Max. Charging Current	20.0 A				
Max. Continue Discharging Current	20.0 A				
Weight	Approx. 15.5 Kg				
Display	Without a display screen				
Parallel Connection	Don't support parallel connection				
Dimensions (W*D*H) mm (inches)	442 (17.4") * 330 (12.99") * 88(3.46")				
Containing Cell	3.2V 20AH				
Design Life	More than 10 years				
Cycle Life	More than 3000 cycles at 80% DOD				
IP Class	IP30				
Outer Package Material	White bake lacquer steel case				
Operating Temperature	Charging: 0 to +55 ℃ Discharging: -20 to +60 ℃ Storage: -20 to +60 ℃				

LFeLi-4820

Discharge Table

Constant Current Discharge Table (Amperes) at 25℃								
Model	Voltage Time	1 h	2 h	3 h	5 h	10 h		
LFeLi-4820S	End of discharge voltage 40.5 V	19 A	9.7 A	6.6 A	4 A	2 A		
Constant Power Discharge Table (Watts) at 25℃								
Model	Voltage Time	1 h	2 h	3 h	5 h	10 h		
LFeLi-4820S	End of discharge voltage 40.5 V	881 W	458 W	315 W	192 W	97 W		

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Libattery@leoch.com

Leoch International Technology Limited

Add:5th Floor, Xinbaohui Bldg., Nanhai Blvd, Nanshan, Shenzhen, China. 518054

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