

VRLA Battery- AGM Series

VRLA Battery- GEL Series

- VRLA Battery- OPzV Series
- Lithium Battery Series

Dimensions-mm

- VRLA Battery- High Temperature Series
- VRLA Battery- Pure lead Series
- □ Flooded Battery- OPzS Series

LFELI-4820

- 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-4820						
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	10.0 A						
Max. Continue Discharging Current	20.0 A						
Weight	Approx. 12 Kg						
Display	Without a display screen						
Parallel Connection	Don't support parallel connection						
Dimensions (W*D*H) mm (inches)	442 (17.4") * 300 (11.81") * 88 (3.46")						
Cell Type	3.2V10Ah & 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 +50 ℃ Discharging: -20 to +60 ℃ Storage: -20 to +60 ℃						

JOCH UPALI-4820

Discharge Table

Constant Current Discharge Table (Amperes) at 25°C									
Model	Voltage	1 h	2 h	3 h	5 h	10 h			
LFeLi-4820	End of discharge voltage 40.5 V	20 A	10A	6.6 A	4 A	2 A			

Constant Power Discharge Table (Watts) at 25°C									
Model	Voltage	1 h	2 h	3 h	5 h	10 h			
LFeLi-4820	End of discharge voltage 40.5 V	960W	480 W	317 W	192 W	96 W			

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