

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

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

465±2 485±2 482.5±2 442±2 88±1 88±1 88±1 88±1 88±1 88±1 88±1

410±2

Dimensions-mm



CE-EMC ISO14001 ISO9001

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 °C Discharging: -20 to +60 °C Storage: -20 to +60 °C						

LFeLi-4820

62883

Discharge Table

Constant Current Discharge Table (Amperes) at 25°C									
Model	Voltage	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 °C									
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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