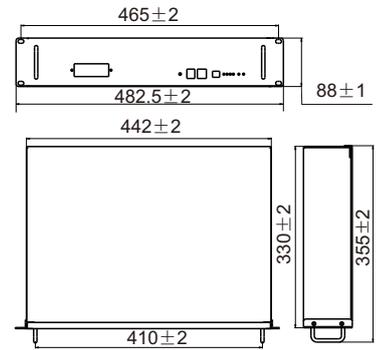


# LFELi-4820S (48V 20Ah)

- 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



## Dimensions-mm



## 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

## Discharge Table

Constant Current Discharge Table (Amperes) 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	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

