



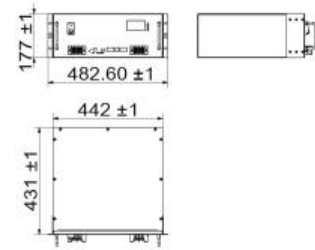
- VRLA Battery- AGM Series
- VRLA Battery- GEL Series
- VRLA Battery- High Temperature Series
- VRLA Battery- OPzV Series
- VRLA Battery- Pure lead Series
- Flooded Battery- OPzS Series
- Lithium Battery Series

## ZOWIE(48V 150Ah)

- 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

	Specification
Model	ZOWIE48V150AH
Rated Capacity	150 Ah
Nominal Voltage	48 V
Discharge Ending Voltage	42V
Charging Limited Voltage	54.75V
Max. Charging Current	150A
Max. Continue Discharging Current	150 A
Weight	Approx. 76.2Kg (168lbs)
Display	With display screen/Optional
Protocol	CANBUS/ MODBUS
Parallel Connection	Parallel connection is optional (up to 15P).
Dimensions (W*D*H) mm (inches)	500 (19.7") * 440 (17.3") * 260 (10.23") customizable
Cell	3.2V 150Ah
Design life	More than 20 years
Cycle Life	More than 5000 cycles at 80% DOD.
IP Class	Ip31
Outer Package Material	Black bake lacquer steel case (battery rack or cabinet is optional)
Operating Temperature	Charging: 0 to +60°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-48100MB16	End of discharge voltage 43.2 V		95A	49 A	33 A	20 A	10 A

Constant Power Discharge Table (Watts) at 25°C							
Model	Voltage	Time	1 h	2 h	3 h	5 h	10 h
LFELi-48100MB16	End of discharge voltage 43.2 V		4850W	2500 W	1700W	1024 W	512W

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