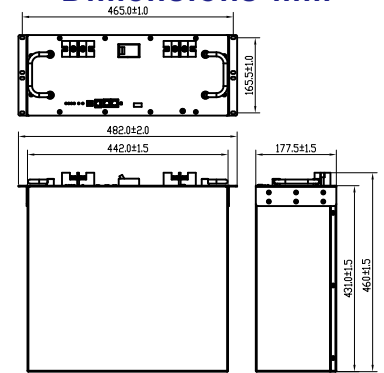


- VRLA Battery- AGM Series
- VRLA Battery- GEL Series
- VRLA Battery- High Temperature Series
- VRLA Battery- OPzV Series
- VRLA Battery- Pure lead Series
- Flooded Battery- OPzS Series
- Lithium Battery Series

LIT48140BT (48V 140Ah)

- 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



7.2KWH LCB LITHIUM ION BATTERY

Item	Specification	
Model	LiT-48140TA	LiT-48140TB
Rated Capacity (5HR)	140 Ah	140 Ah
Nominal Voltage	48.0 V	48.0 V
Discharge Ending Voltage	42.0 V	42.0V
Equalized Charging Voltage	54.0 V	54.0 V
Floating Charging Voltage	51.0V-51.75 V	51.0V-51.75 V
Max. Charging Current	100 A	100 A
Max. Continue Discharging Current	100 A	100 A
Weight	Approx. 48 Kg	Approx. 48Kg
Display	Without display screen	With a LCD display screen
Parallel Connection	Parallel connection is optional (up to 15P).	
Dimensions (W*D*H) mm (inches)	442 (17.40") * 431 (16.97") * 177.5 (6.99")	
Cell	3.2V 120Ah	
Design life	More than 20 years	
Cycle Life	More than 6500 cycles at 100% 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						
Voltage	Time	1 h	2 h	3 h	5 h	10 h
	End of discharge voltage 42 V		95A	49 A	33 A	20 A