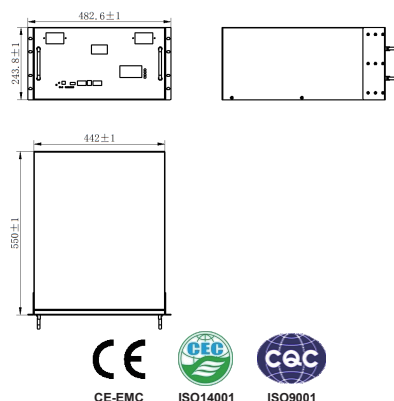


LFELI-48200

- Anti-theft with tilt feature
- 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-48200 |
| Rated Capacity (5HR) | 200 Ah |
| Nominal Voltage | 51.2 V |
| Discharge Ending Voltage | 43.2 V |
| Charging Limited Voltage | 57.6V |
| Max. Charging Current | 100 A |
| Max. Continue Discharging Current | 100 A |
| Weight | Approx. 83 Kg |
| Display | Without LCD display |
| Parallel Connection | Parallel connection is optional (up to 15P). |
| Dimensions (W*D*H) mm (inches) | 442 (17.40") * 550 (21.65") * 244 (9.61") |
| Cell | 3.2V 100Ah |
| Design life | More than 15 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 +50℃ Discharging: -20 to +60℃ Storage: -20 to +60℃ |

Discharge Table

| Constant Current Discharge Table (Amperes) at 25℃ | | | | | | | |
|---|--------------------------------|------|-----|-------|------|------|------|
| Model | Voltage | Time | 1 h | 2 h | 3 h | 5 h | 10 h |
| LFELi-48200 | End of discharge voltage 43.2V | | NA | 100 A | 66 A | 40 A | 20 A |

| Constant Power Discharge Table (Watts) at 25℃ | | | | | | | |
|---|--------------------------------|------|-----|--------|-------|-------|-------|
| Model | Voltage | Time | 1 h | 2 h | 3 h | 5 h | 10 h |
| LFELi-48200 | End of discharge voltage 43.2V | | NA | 5120 W | 3379W | 2048W | 1024W |

