

# 48V Intelligent Telecom Battery

LFELI-48100ZN



Outstanding Compatibility  
To Battery And Dc Power



Data Transmission And  
TV Signal Transmission



Bureaus (stations),  
Switching Stations



Emergency Power Supply  
Wired Communication

## Product Introduction



Outstanding compatibility to battery  
and DC power

- Compatible with existing DC power system and mixed batteries



Auxiliary power supply

- Save the expansion costs for base station



Boost power supply

- Compensating for the drop voltage and reducing the investment cost for booster



Up to 32 groups in parallel connection

- Expandable battery capacity to cater for different level demand

| Model                             | LFeLi-48100ZN   |
|-----------------------------------|---|
| Rated Capacity (5HR)              | 100 Ah  |
| Nominal Voltage                   | 48 V  |
| Discharge Ending Voltage          | 40.5 V  |
| Charging Limited Voltage          | 54 V  |
| Max. Charging Current             | 100 A   |
| Max. Continue Discharging Current | 100 A   |
| Weight                            | Approx. 42 Kg   |
| Display                           | Without a display screen  |
| Parallel Connection               | Parallel connection is optional (up to 32P). When paralleling, the max. charging current is 20A |
| Dimensions (W*D*H) mm             | 442 * 450* 132  |
| Containing Cell                   | 3.2V 100Ah  |
| Design Life                       | More than 15 years  |
| Cycle Life                        | 5000cycles at 80%DOD  |
| IP Class                          | IP30  |
| Outer Package Material            | Black aluminum and sheet metal case (battery rack or cabinet is optional)                       |
| Operating Temperature             | Charging: 0°C to + 45°C Discharging: -20 to + 60°C Storage: -20°C to + 60°C                     |