LTL | Energy

# LFP 12.8V

## -100Ah 1280Wh




### Light Weight

The weight is about 1/3 of a lead-acid battery of the same capacity.

### Long service life

3 years lifespan, more than 3000 cycles

### Flexible module

Module design, easy expansion in series or parallel

### High protection level

IP65

### Easy installation

‹12kg, convenient for handling and can be used in various scenarios

## Types of application scenarios available



Household conventional electricity



Photovoltaic consumption



Security Monitoring



Fishing

## Technical Parameters

| Model | LR1.2 |
|---|---|
| Battery type | LFP |
| Nominal Battery Energy | 1.28kWh |
| Nominal Capacity | 100Ah |
| Nominal Voltage | 10-14.8V |
| Max. Power Charge/Discharge Current | 100A (1C) |
| Depth of Discharge (DOD) | 100% |
| Net Weight | ≈12kg |
| Dimension[W*D*H] | 330mm*172mm*214mm |
| Charging Temp. Range | 0~50℃ |
| Discharging Temp. Range | -20~55℃ |
| Protection level | IP65 |
| Cycle Life[1] | 3000 cycles |
| Expansion | 4 in series or parallel |
| Certification & Safety Standard | UN38.3 |

[1] 3000 cycles: Test Conditions: 0.5C Discharging.@25℃, 100% DOD
4000 cycles: Test Conditions: 0.5C Discharging. @25℃, 80% DOD