

# 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°C
Discharging Temp. Range	-20~55°C
Protection level	IP65
Cycle Life <sup>[1]</sup>	3000 cycles
Expansion	4 in series or parallel
Certification & Safety Standard	UN38.3

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