LTL | Energy

LFP 12.8V



Light Weight

The weight is about1/3 ofalead-acid ba ery of the same capacity.

Long service life

3 yearslifespan,morethan3000cycles

Flexible module

Module design, easyexpansion in series or parallel

High protection level

IP65

Easy installation

<12kg,convenientforhandlingand can be used in various scenarios

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Types of application scenarios available



Household conventional electricity



Photovoltaic consumption



Security Monitoring



Fishing

Technical Parameters

Model	LR1.2
Ba ery type	LFP
Nominal Ba ery 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

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