DYNESS

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

More than 3000 cycles

Flexible module

Module design, easy expansion in series and parallel

High protection level

IP65

Easy installation

<11kg, convenient for handling and can be used in various scenarios

Types of application scenarios available



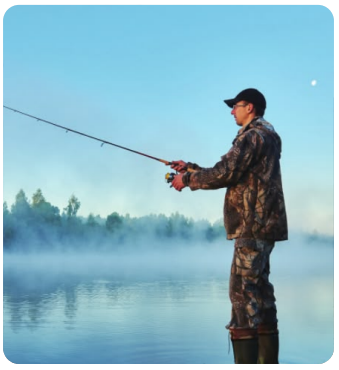
Household conventional electricity



Photovoltaic consumption



Security Monitoring



Fishing

Technical Parameters

Model	AR 1.2
Battery type	$LiFePO_4$
Nominal Battery Energy	1.28kWh
Nominal Capacity	100Ah
Nominal Voltage	10-14.8V
Max. Power Charge/Discharge Current	100A (1C)
Depth of Discharge (DOD)	1
Net Weight	≈10.5kg
Dimension[W*D*H]	330mm*172mm*214mm
Charging Temp. Range	0~50°C
Discharging Temp. Range	-20~55°C
Protection level	IP65
Cycle Life [1]	≥3000 cycles
Expansion	4 in series and 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