

150AH 12.8V LIFEPO4 LEISURE BATTERY

Updated version (2025)



2X MORE POWER. 5X LONGER LIFE.

ENERGY STORAGE AS IT SHOULD BE.

Twice the storage half the weight of lead-acid batteries, our advanced LiFePO4 drop-in leisure battery is the perfect choice for any off-grid solar system. Built with cutting-edge Lithium Iron Phosphate (LiFePO4) cell chemistry and a smart Battery Management System (BMS), it delivers unmatched performance, safety, and longevity.

- 150Ah 12.8V Capacity
- Grade "A" Prismatic Cells
- 150A Continuous Discharge | 200A Peak (10s)
- Wide range or series and parallel connection
- Advance BMS for extra safety and longevity



MAIN FEATURES

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ELECTRICAL SPECIFICATIONS		CHARGE SPECIFICATIONS		DISCHARGE SPECIFICATIONS	
Nominal Voltage	12V (12.8V)	Recommended Charge Current	75A	Recommend Cont. discharge	75A
Nominal Capacity	150Ah	Max. Charge Current	150A	Max. Cont. Discharge Current	150A
Capacity @20A	5 HR	Max. Charge Current	150A	Peak Discharge Current	200A(30s)
Energy	1920 Wh	BMS Charge Voltage Cut-off	14.6V (1±0.2S)	BMS Discharge Cut-off	10V
Resistance	≤20mΩ	Reconnect Voltage	13.6V-14.2V	Short Circuit Protection	200-400 μs
Self discharge	< 3% per month	Balancing Current	2A		
Max modules in series	4 pieces	Balancing Voltage	3.4V		
Cell Chemistry	LiFePO4				
Cell Type	Prismatic				
Cell Configuration	4S1P				

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MECHANICAL SPECIFICATIONS

Dimensions (L*W*H)	330*172*220 mm
Weight	14KG±0.5KG
Terminal Type	M8 Screw Stud
Case material	ABS
Enclosure Protection	IP64

TEMPERATURE SPECIFICATIONS

Discharge Temperature	-20°C to 60°C
Charge Temperature	0°C to 50°C
Recommended Storage Temperature	10°C to 36°C

CERTIFICATES



UN38.8

MSDS

