绿 沃
LVWO ENERGY

Lvwo Energy Technology Co.,Ltd.



RV's

Marine



Golf Carts

Homes

Trailers

Solar Light

FEATURE

Our 12V 100Ah battery is our flagship model, featuring our legendary LiFePO4 technology with a built-in smart BMS. It can deliver 2x the power, 1/2 the weight and 8x the lifespan compared to traditional sealed lead-acid batteries. 100Ah battery offers superior performance and long life. With 4000+ cycle life and maintenance-free. Up to 4 in series up to 48V, up to 4 in parallel up to 400Ah. We have both cylindrical and prismatic cells for customers to choose from, with optional Bluetooth, switches and displays. This battery performs well in deep cycles and can provide hours of reliable power. Perfect replacement for lead-acid batteries.



Specification

Cell Type-chemistry	LiFePO4 Cell
Nominal Voltage	12.8V
Rated Capacity	100Ah
Energy	1280wh
Layout	4S2P
Cycle Life	6000 times
Operating Temperature	Charge -0°C-55°C Discharge -20°C-55°C
System Operating Voltage	10V~14.6V
Capacity Efficiency	⩾96%
Max. Continuous charging Current	100A
Max. Continuous Disharging Current	100A
Communication Mode	Bluetooth/RS485/CAN
Dimension(LxW xH)	330x175x215mm
Weight	11.5kg(25.35bs)
Ingress Protection	IP65

Suitablefor

- TROLLING MOTORS
- 12 VOLT ELECTRONICS
- BOATING & FISHING ELECTRONICS
- OFF GRID SPEAKERS
- BOATING/MARINE DEEP CYCLE
- EMERGENCY POWER
- REMOTE POWER
- OUTDOOR ADVENTURES
- RV/CARAVAN
- AND MORE



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Product Specification

12V Mini Series

					
Model		Model		Model	
LEP12-07		LEP12-30		LEP12-50	
Specification		Specification		Specification	
Rated Voltage	12.8V	Rated Voltage	12.8V	Rated Voltage	12.8V
Rated Capacity	7Ah	Rated Capacity	30Ah	Rated Capacity	50Ah
Total Energy	89.6Wh	Total Energy	384Wh	Total Energy	640Wh
Series-parallel	4S 2P	Series-parallel	4S 5P	Series-parallel	4S 1P
Weight	0.86KG	Weight	3.5KG	Weight	6.1KG
Dimension (L*W*H±2)	151*65*94mm	Dimension (L*W*H±2)	190*125*170mm	Dimension (L*W*H±2)	195*166*170mm

12V Plus Series

					
Model		Model		Model	
LEP12-150		LEP12-200		LEP12-300	
Specification		Specification		Specification	
Rated Voltage	12.8V	Rated Voltage	12.8V	Rated Voltage	12.8V
Rated Capacity	150Ah	Rated Capacity	200Ah	Rated Capacity	300Ah
Total Energy	1920Wh	Total Energy	2560Wh	Total Energy	3840Wh
Series-parallel	4S1P/4S25P	Series-parallel	4S 2P/4S 34P	Series-parallel	4S3P
Weight	14.5KG	Weight	22KG	Weight	30KG
Dimension (L*W*H±2)	328*172*220mm	Dimension (L*W*H±2)	522*240*218mm	Dimension (L*W*H±2)	552* 269* 220mm

Prismatic LiFePO4 Battery Cell

12V Slim Series

			
Model		Model	
SLIM-LEP12-100		SLIM-LEP12-200	
Specification		Specification	
Rated Voltage	12.8V	Rated Voltage	12.8V
Rated Capacity	100Ah	Rated Capacity	200Ah
Total Energy	1280Wh	Total Energy	2560Wh
Series-parallel	4S1P	Series-parallel	4S 2P
Weight	14KG	Weight	24KG
Dimension (L*W*H±2)	395*110*287mm	Dimension (L*W*H±2)	546*287*110mm

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Tel:+86-564-8030526
Mail:shirley@lvwo-energy.com
Website:http://www.lvwo-energy.com
Address:Economic Development Zone of Shucheng County,
Lu'an City, Anhui Province, China.