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# Reliable Power For Marine

Safest Long-Lasting Battery You Can Trust

LiFePO4 Battery



## POLINOVEL

Professional Lithium Battery Manufacturer

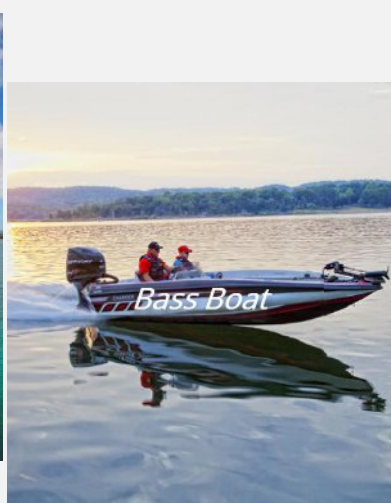


# Benefits of Lithium Battery

Safety	Most safe chemistry of LiFePO <sub>4</sub> , "BMS + PCB" dual safety protection
Superior Durability	Patented screw fastening structure outperform in harsh environment
Expandable Energy	Series or parallel connection allowed to get more power
Drop-in Replacement	Standard size same as lead acid for easy replacement
Flexible Installation	Can be installed in horizontal or other sides
Customizable	Specification customizable to fit your application needs
Light Weight	50% less weight than lead acid battery
Longer Life	8-10 times longer cycle life than lead acid
Maximum Usable Capacity	25-50% more capacity than lead acid battery
Long Shelf Life	Low self discharge in storage period
Wide Temperature Range	More efficient and safe operation at wide temperature range 0-60°C
Maintenance Free	No maintenance that saving cost in long time use
Environment-friendly	Non-hazardous, non-pollution

## Marines

Lifepo4 batteries are lightweight, safe, and maintenance-free that provide high power for watercraft.



# Lithium Battery Specification

Model	Features	Voltage	Capacity	Energy	Discharge Current	Dimension	Weight
HD1250	Durable	12.8V	50Ah	640Wh	50A	197*165*170mm	7.5kg
HD1280	Durable	12.8V	80Ah	1024Wh	80A	279*175*188mm	11kg
HD12100	Durable	12.8V	100Ah	1280Wh	100A/160A	329*172*214mm	14.5kg
HD12200	Durable	12.8V	200Ah	2560Wh	100A/160A	520*240*220mm	27.8kg
HD12300	Durable	12.8V	300Ah	3840Wh	100A/160A	520*269*220mm	36kg
HDN2450	SOC,USB	25.6V	50Ah	1280Wh	50A	520*269*220mm	40kg
HDN24100	SOC,USB	25.6V	100Ah	2560Wh	100A	520*240*220mm	26kg
HT12100	Bluetooth	12.8V	100Ah	1280Wh	100A/160A	329*172*214mm	14.5kg
HT12200	Bluetooth	12.8V	200Ah	2560Wh	100A/160A	520*240*220mm	27.8kg
HT12300	Bluetooth	12.8V	300Ah	3840Wh	100A/160A	520*269*220mm	36kg
LEV48100	High-power	48V	100Ah	4800Wh	100A	790*260*300mm	53kg
LEV48150	High-power	48V	150Ah	7200Wh	100A	900*260*300mm	79kg
ES48200	High-power	51.2V	200Ah	10240Wh	200A	840*530*380mm	106kg
ES48400	High-power	51.2V	400Ah	20480Wh	200A	927*460*475mm	198kg



Polinovel is committed to providing the safest and highest quality lithium batteries that deliver long-lasting, outperform, reliable power for yacht, catamaran, bass boat, fishing boat etc watercraft. Welcome to contact us for more battery information and assistance.