



POWER TROLLING MOTOR, POWER THE ENJOYABLE TIME!

Safer, longer, stronger power !

With Propow advanced lithium iron phosphate (LiFePO4) technology, the batteries deliver zero maintenance, safer performance, stronger power, lighter weight, and 4 times longer run time than lead-acid batteries.

0 Maintenance  
7 Years warranty  
10 Years design life  
4,000+ Cycle life

Marine trolling motor solution

Propow's deep cycle trolling motor battery solutions are better suited for fishing boats, electric sailboats, and yachts. The battery kit solution includes 12v, 24v, 36v, 48v LiFePO4 battery systems, chargers (waterproof optional), and external meters. Additionally, there are small-capacity battery solutions for fish finders.

Neutral Propow solutions and customized solutions are optional. Propow maintains long-term cooperation with major marine battery wholesalers in the US, Europe, and other countries. We are professionals in providing OEM solutions for our clients as well.

Enjoy the time with  
worry-free power

(Hot models: 12V 50Ah/60Ah/100Ah  
24V 50Ah/60Ah/100Ah  
36V 40Ah/60Ah  
48V 100Ah/200Ah)

Why upgrade to Propow LiFePO4 batteries for marine application

Propow offers smarter marine batteries with advanced lithium technologies in BMS, modules, battery assembly and testing, tailor solutions that are very suitable for your actual application



01 Remote diagnostics

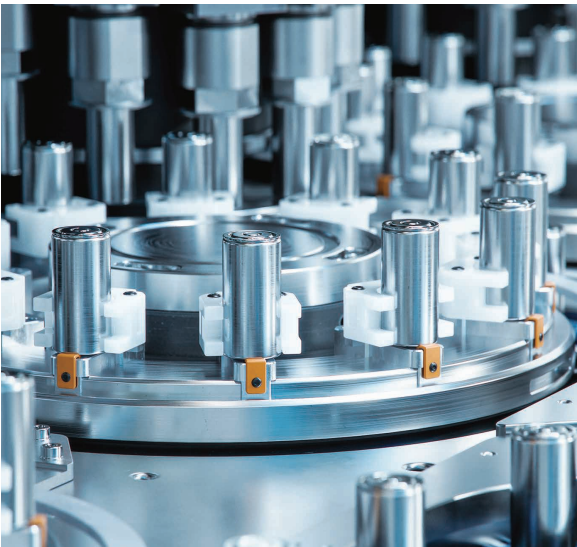
No need to worry about after-sales issues with remote diagnostics and control function. Users can send the historical data of the battery through the Bluetooth mobile app to analyze battery data and troubleshoot any issues.

02 Bluetooth monitoring

Monitor the battery status in hand(charge, discharge, current, temperature, cycle life and so on).

03 Heating system

Propow's lithium iron phosphate batteries are equipped with a built-in heating system. Internal heating allows the batteries to be charged smoothly at temperatures below freezing.



Propow lithium batteries, perfectly for fishing boat, electric sailboat, yacht.

WARRANTY  
7 YEARS

7 years warranty

10 Years

10 Years lifespan

High Power


Zero Maintenance


Over 4,000 cycles




Waterproof IP67



Light Weight

Smart BMS

Marine battery Specifications 01				
Electrical Specifications	12V			
Nominal voltage	12.8V	12.8V	12.8V	12.8V
Nominal capacity	60Ah	100Ah	160Ah	200Ah
Energy	0.76Kwh	1.28Kwh	2.04Kwh	2.56Kwh
Cycle life	>4,000 cycles			
Connect in series or parallel	Yes			
Function				
Bluetooth	Yes, customized bluetooth APP acceptable			
Heating system	Optional			
Remote diagnostics and upgradation	Optional			
Mechanical Specifications				
Dimensions (L x W x H)	229*138*208mm 9.02x5.43x8.19"	329*172*214mm 12.95x6.77x8.43"	329*172*214mm 12.95x6.77x8.43"	345*190*245mm 13.58x7.48x9.65"
Weight	7.9KG(17.4lb)	11.2KG (24.7lb)	15KG(33.1lb)	20.6KG(45.4lb)
Case material & IP rating	ABS, IP67			
Charge & Discharge Specifications				
Charge current	30A	50A	80A	50A
Continuous discharge current	60A	100A	160A	100A
Peak discharge current	120A	200A	320A	200A
Max. charge voltage	14.6V			
Cut-off voltage	10V			
Battery management system(BMS)	Yes, built-in BMS protection			

Marine battery Specifications 02			
Electrical Specifications	24V		
Nominal voltage	25.6V	25.6V	25.6V
Nominal capacity	50Ah	60Ah	100Ah
Energy	1.28Kwh	1.53Kwh	2.56Kwh
Cycle life	>4,000 cycles		
Connect in series or parallel	Yes		
Function			
Bluetooth	Yes, customized bluetooth APP acceptable		
Heating system	Optional		
Remote diagnostics and upgradation	Optional		
Mechanical Specifications			
Dimensions (L x W x H)	329*172*214mm 12.95x6.77x8.43"	329*172*214mm 12.95x6.77x8.43"	525*239*220mm 20.67x9.41x8.66"
Weight	11.8KG(26lb)	11.5KG(25.4lb)	21.6KG(47.6lb)
Case material & IP rating	ABS, IP67		
Charge & Discharge Specifications			
Charge current	25A	30A	50A
Continuous discharge current	50A	60A	100A
Peak discharge current	100A	120A	200A
Max. charge voltage	29.2V		
Cut-off voltage	20V		
Battery management system(BMS)	Yes, built-in BMS protection		

<b>Marine battery Specifications 03</b>			
Electrical Specifications	36V		
Nominal voltage	38.4V	38.4V	38.4V
Nominal capacity	40Ah	60Ah	100Ah
Energy	1.53Kwh	2.3Kwh	3.84Kwh
Cycle life	>4,000 cycles		
Function			
Bluetooth	Yes, customized bluetooth APP acceptable		
Heating system	Optional		
Remote diagnostics and upgradation	Optional		
Mechanical Specifications			
Dimensions (L x W x H)	329*172*214mm 12.95x6.77x8.43"	329*172*214mm 12.95x6.77x8.43"	525*270*220mm 20.67x10.63x8.66"
Weight	14.5KG(32lb)	17.3KG(38.1lb)	35.9KG(79.1lb)
Case material & IP rating	ABS, IP67		
Charge & Discharge Specifications			
Charge current	20A	30A	50A
Continuous discharge current	40A	60A	100A
Peak discharge current	80A	120A	200A
Max. charge voltage	43.8V		
Cut-off voltage	30V		
Battery management system(BMS)	Yes, built-in BMS protection		

<div>Marine battery Specifications 04</div>				
Electrical Specifications	48V			
Nominal voltage	48V	51.2V	51.2V	51.2V
Nominal capacity	150Ah	105Ah	200Ah	400Ah
Energy	7.2Kwh	5.37Kwh	10.24Kwh	20.48Kwh
Cycle life	>4,000 cycles			
Function				
Bluetooth	Yes, customized bluetooth APP acceptable			
Heating system	Optional			
Remote diagnostics and upgradation	Optional			
Mechanical Specifications				
Dimensions (L x W x H)	640*245*220mm 25.20x9.65x8.66"	472*312*243mm 18.58x12.28x9.57"	640*383*320mm 25.20x15.08x12.6"	664.4*650*470.2mm 26.15x25.59x18.5"
Weight	65KG(143.3lb)	46.4KG(102.3lb)	85KG(187.4lb)	165KG(363.8lb)
Case material & IP rating	ABS, IP67	Steel, IP67		
Charge & Discharge Specifications				
Charge current	75A	50A	100A	50A
Continuous discharge current	150A	100A	200A	200A
Peak dischargecurrent	300A	200A	400A	400A
Max. charge voltage	54.75V	58.4V		
Cut-off voltage	37.5V	40V		
Battery management svstem(BMS)	Yes, built-in BMS protection			