



Steady power, worry-free for your application!

Propow's starting battery solution is perfectly designed for fishing boats, trucks, jet skis, cars, light motorbikes, and other cranking applications. It offers a very high level of power for easy starting of internal engines. Propow delivers a complete battery kit solution: 12v, 24v lithium LiFePO4 start battery system, battery charger (waterproof optional), display, tray, etc. Propow's professional R&D team can help tailor your own cranking solution for your application!

Why switch to Propow starting lithium batteries?




Ultra safe




Bluetooth monitoring




Over 4,000 cycles



Heating system optional



Remote diagnostics and upgradation





Zero Maintenance



Waterproof IP67

Dual purpose marine batteries


Dual purpose marine batteries are designed to serve both starting and deep cycle purposes. Propow provides a more powerful LiFePO4 battery solution for a fishing boat. It offers enough power to start your engine and provides sufficient steady power for radios, graphs, and trolling motors.

Marine battery Specifications		
Electrical Specifications	12V	
Nominal voltage	12.8V	
Nominal capacity	105Ah	160Ah
Energy	1.34Kwh	2.04Kwh
Cycle life	>4,000 cycles	
Mechanical Specifications		
Dimensions (L x W x H)	318*175*190mm 12.52x6.89x7.48"	328*172*235mm 12.91x6.77x9.25"
Weight	10.8KG (23.8lb)	16.1KG(35.5lb)
Case material & IP rating	ABS, IP67	
Charge & Discharge Specifications		
Charge current	50A	
Continuous discharge current	100A	
Peak discharge current	200A	
CCA	1200	
Max. charge voltage	14.6V	
Cut-off voltage	10V	
Battery management system(BMS)	Yes, built-in BMS protection	



Jet ski starting lithium batteries



Jet ski starting batteries, also known as personal watercraft (PWC) batteries used to start the jet ski engine, Propow LiFePO4 batteries are ideally designed for smoothly starting the jet ski engine with super power! These batteries can serve as a direct drop-in replacement of old-fashioned Lead Acid batteries (VRLA, AGM, etc.) due to their lighter weight, safer and reliable performance, longer lifespan, and environmentally-friendly features.



Jet ski starting Specifications		
Electrical Specifications	12V	
Nominal voltage	12.8V	
Nominal capacity	20Ah	40Ah
Energy	256wh	512wh
Cycle life	>4,000 cycles	
Mechanical Specifications		
Dimensions (L x W x H)	197*128*220mm 7.76x5.04x8.66"	197*128*220mm 7.76x5.04x8.66"
Weight	3.5KG [7.7lb]	5KG[11lb]
Case material & IP rating	ABS, IP67	
Charge & Discharge Specifications		
Charge current	10A	20A
Continuous discharge current	20A	40A
Peak discharge current	40A	80A
CCA	200A	500A
Max. charge voltage	14.6V	14.6V
Cut-off voltage	10V	10V
Battery management system(BMS)	Yes, built-in BMS protection	



Truck Starting Batteries

Propow truck starting batteries, with longer lifespan, lighter weight, higher energy, and safer performance, are perfectly designed for drop-in replacement of lead-acid batteries. Our lithium batteries not only provide high bursts of power to start the truck's engine but also deliver power for the parking air conditioner. They are specifically engineered to meet the high starting power demands of trucks and other heavy-duty vehicles.



Truck Starting Specifications 01			
Electrical Specifications	2pcs in series for 24V	24V	
Nominal voltage	12.8V	25.6V	
Nominal capacity	105Ah	105Ah	160Ah
Energy	1.34Kwh	2.68Kwh	4.09Kwh
Cycle life	>4,000 cycles		
Mechanical Specifications			
Dimensions (L x W x H)	318*175*190mm 12.52x6.89x7.48"	350*340*237.4mm 13.78x13.39x9.35"	500*435*267.4mm 19.69x17.13x10.53"
Weight	10.8KG (23.8lb)	30KG (66.1lb)	45KG(99.2lb)
Case material & IP rating	ABS, IP67	Steel, IP67	
Charge & Discharge Specifications			
Charge current	50A		
Continuous discharge current	100A		
Peak discharge current	200A		
CCA	1200		
Max. charge voltage	14.6V	29.2V	
Cut-off voltage	10V	20V	
Battery management system(BMS)	Yes, built-in BMS protection		

Truck Starting Specifications 02		
Electrical Specifications	24V	
Nominal voltage	25.6V	
Nominal capacity	200Ah	300Ah
Energy	5.12Kwh	7.68Kwh
Cycle life	>4,000 cycles	
Mechanical Specifications		
Dimensions (L x W x H)	480*405*272.4mm 18.90x15.94x10.72"	405*445*272.4mm 15.94x17.52x10.72"
Weight	50KG(110.2lb)	60KG(132.3lb)
Case material & IP rating	Steel, IP67	
Charge & Discharge Specifications		
Charge current	50A	
Continuous discharge current	100A	
Peak discharge current	200A	
CCA	1200	
Max. charge voltage	29.2V	
Cut-off voltage	20V	
Battery management system(BMS)	Yes, built-in BMS protection	



Lithium car starting batteries

Propow cranking batteries are specifically engineered to meet the starting power demands of cars and other light vehicles. They provide enduring and durable power, with a lifespan 4 times longer and a weight 1/3 of lead-acid batteries. Switching to Propow starting solution will be your better choice!

Lithium car starting Specifications		
Electrical Specifications	12V	
Nominal voltage	12.8V	
Nominal capacity	60Ah	80Ah
Energy	768Wh	1024Wh
Cycle life	>4,000 cycles	
Mechanical Specifications		
Dimensions (L x W x H)	230*175*200mm 9.06x6.89x7.87"	260*175*221mm 10.2x6.89x8.7"
Weight	6.5KG (14.3lb)	8.5KG(18.7lb)
Case material & IP rating	ABS, IP67	
Charge & Discharge Specifications		
Charge current	30A	40A
Continuous discharge current	60A	80A
Peak discharge current	120A	160A
CCA	800A	
Max. charge voltage	14.6V	
Cut-off voltage	10V	
Battery management system(BMS)	Yes, built-in BMS protection	

