



Rhino Motor Technologies
www.rhinomotor.ca

Rhino Motor Battery Limited Warranty

Thank you for choosing Bateria Power.

Limited Product Warranty

We warrants that the product will be free from defects in materials or workmanship for three or five years .

Model	Warranty Time
BP1206-12.8V 6Ah	3 Years
BP1210-12.8V 10Ah	3 Years
BP1250-12.8V 50Ah	5 Years
BP12100-12.8V 100Ah	5 Years
BP12200-12.8V 200Ah Pro	5 Years
BP12300-12.8V 300Ah	5 Years
BP12400-12.8V 400Ah	5 Years
BP2450-25.6V 50Ah	5 Years
BP100-25.6V 100Ah	5 Years
BP24200-25.6V 200Ah	5 Years
BP4850-51.2V 50Ah	5 Years
BP48100-51.2V 100A	5 Years

Application



- RV, Camper, Trailer, Caravan, Camping Truck, Bus etc.
- Solar System + Wind Power System
- Wireless Lawn Movers, Vacuum Cleaner & Washing Machine
- Portable Video Camera & Portable Personal Computer
- Electric Equipment & Telemeter Equipment Portable
- Toys & Consumer Electronics
- Fire Alarm & Security Systems
- Emergency Lighting Equipment
- Home Energy System
- Car Audio System
- Boat & Fishing
- Light Equipment



Catalogue

Lithium Iron Phosphate Battery (LiFePO4)

Rhino Motor Technologies

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Bateria Power was founded in 2017 by a group of experienced engineers who are committed to making clean energy comfortable, affordable, and portable.

We are offering DIY-friendly and reliable renewable energy products--Solar charge controller, LiFePO4 battery, portable power station, and solar accessories.

Technical Data



Model	BP1206 12.8V 6Ah	BP1210 12.8V 10Ah	BP1250 12.8V 50Ah	BP12100 12.8V 100Ah	BP12200 Pro 12.8V 200Ah	BP12300 12.8V 300Ah	BP12400 12.8V 400Ah	BP2450 25.6V 50Ah	BP100 25.6V 100Ah	BP24200 25.6V 200Ah	BP4850 51.2V 50Ah	BP48100 51.2V 100Ah
Nominal voltage	12.8V	12.8V	12.8V	12.8V	12.8V	12.8V	12.8V	25.6V	25.6V	25.6V	51.2V	51.2V
Nominal capacity	6Ah	10Ah	50Ah	100Ah	200Ah	300Ah	400Ah	50Ah	100Ah	200Ah	50Ah	100Ah
Standard charge voltage	14.6V	14.6V	14.6V	14.6V	14.6V	14.6V	14.6V	29.2V	29.2V	29.2V	58.4V	58.4V
Discharge cut-off voltage	10.8V	10.8V	10.8V	10.8V	10.8V	10.8V	10.8V	21.6V	21.6V	21.6V	43.2V	43.2V
Standard charge current	2A	2A	25A	50A	100A	100A	100A	25A	50A	100A	25A	50A
Allowed Max. charge current	6A	10A	50A	100A	200A	200A	200A	50A	100A	200A	50A	100A
Allowed Max. Discharge current	6A	10A	50A	100A	200A	200A	200A	50A	100A	200A	50A	100A
Series Connection Unit	2	2	4	4	4	4	4	2	2	2	NO	NO
Parallel Connection Unit	4	4	4	4	4	4	4	4	4	4	4	4
Dimension	151*65*94	151*99*98	256*165*210	330*173*216	521*238*217	521*238*217	520*269*220	330*173*216	490*171*240	520*269*220	442*420*120	442*420*165
Weight	0.9kg	1.5kg	5.8kg	11kg	22kg	32kg	39kg	12kg	23kg	39kg	22kg	42kg

Advantage

Eco-Friendly

Iron is very common. Non-toxic, no pollution to the environment.

Long lifespan

Lithium iron phosphate batteries live up to 4000 cycles, without decreasing in performance. The average lifetime of lead-acid batteries is just two years.

High efficiency

Lithium iron phosphate batteries have 100% of their capacity available. Additionally, their fast charge and discharge rates cause them to be a great fit for all sorts of applications. Fast charging reduces any downtime and increases efficiency.

Light weight champion

Lithium iron phosphate batteries offer high power density which causes lithium batteries to be relatively small and light.

No active maintenance

Lithium iron phosphate batteries don't require active maintenance to extend their service life. Also, the batteries show no memory effects and due to low self-discharge (<3% per month), you can store them for a longer period of time. Lead-acid batteries need special maintenance. If not their life span will be decreased even more.

Integrated BMS and safety switch

The batteries are extremely easy to install, needing no additional components. The internal BMS and switch will disconnect the battery in case of over discharge, over charge, low or high temperature.