

MEGA·LiFe® Your new energy solution for a MEGA LiFe.



MEGA·LiFe®
Battery

LiFeP04
LITHIUM ION BATTERY
For Motorcycles



The best Lithium ion battery on the market!

**Lightweight!
More Powerful!**

In our modern world, lithium batteries have now become a fixed part of everyday life. High power, low weight, minimum memory effect, zero maintenance and low self-discharge rates are just a few of the advantages of lithium battery technology.

Here at MEGA•LiFe, we hold product compliance with EU RoHS Directive, CE certification mark and certification in the US FCC. All products adhere to UN38.3 safety and transport

**More Safety!
Higher Performance!**

requirements. Safe, reliable and environmentally friendly products that significantly outperform current battery technology.

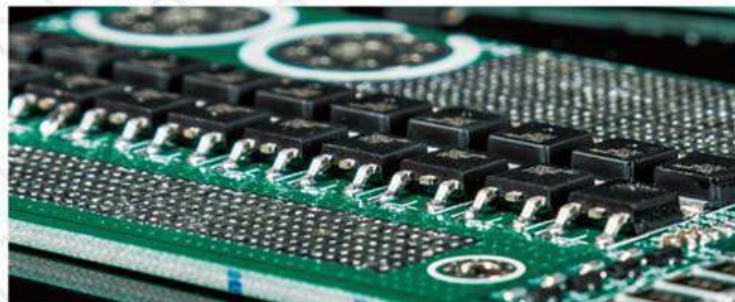
With different configurations to suit racing applications from kart, bike, tarmac, off road, marine and more, MEGA•LiFe has a battery for almost all racing needs. A 3-year manufacture full replacement warranty is further proof of our confidence in this outstanding product.





IBMS - Integrate Battery Management System

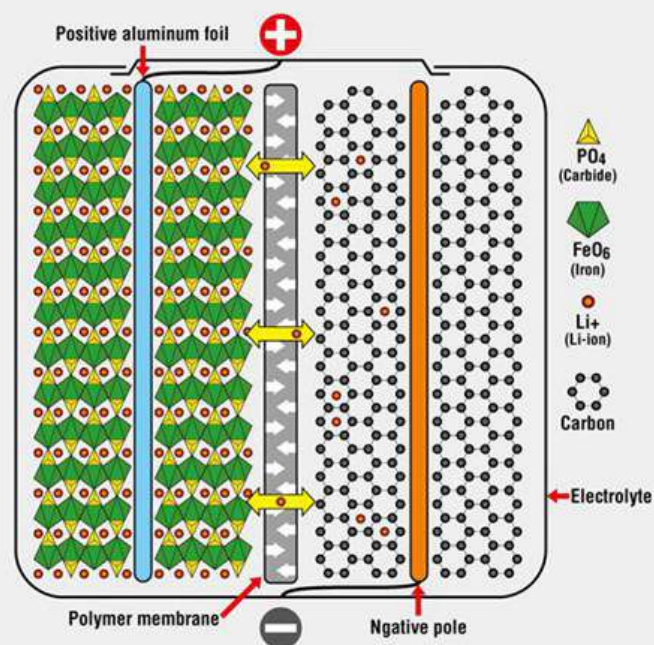
MEGA·LiFe batteries have an integrated battery management system (IBMS) with unique features to add to the already superior performance. Cell balancing, overcharge voltage, short circuit, over discharge and over temperature internal protection circuits add to the already safe LiFePO₄ chemistry. Selected models also include the industry leading, emergency start feature to add to the versatile and unique features of this line of products.



LifePO4 - Ultimate Safety, No Acid, No Risk

The 'LiFe' in MEGA·LiFe batteries refers to the Lithium Iron Phosphate (LiFePO₄) chemistry used. LiFePO₄ or LFP batteries retain all the benefits of any lithium battery but are significantly safer and are not prone to the overheating and explosive issues found in other chemistries (LIPO or lithium polymer chemistry found in mobile phones for example).

This chemistry allows for charge/discharge rates up to 10x that of lead acid chemistry (including AGM, Gel, flooded, sealed, etc). Benefits also include full depth of discharge capability, up to 1/3 the weight and 5 times the cycle life of conventional lead acid!





MEGA•LiFe Battery has reached a benchmark - the 5"S"

Safety

- IBMS Protection: Overcharge voltage, over discharge current, short circuit and overheating protection.
- Casing system: Waterproof, shock proof and completely sealed.

Save Energy

- High electrical discharge rate: Rated continuous current up to 6C, instantaneous discharge to over 20C. Power for high demand starting applications, high draining spark systems and large current accessories.
- High Energy Conversion: Up to 3C charging current with negligible conversion loss means fast charging and efficiency from the charge source (vehicle alternator, stationary charger, solar etc.)

Smart

- Standby reserve cell: Intelligent, integrated battery management system with 'emergency start' reserve cell has automatic low voltage cutoff to prevent ultimate system drain. Reserve cell activated with a single push button for vehicle starting or emergency power.

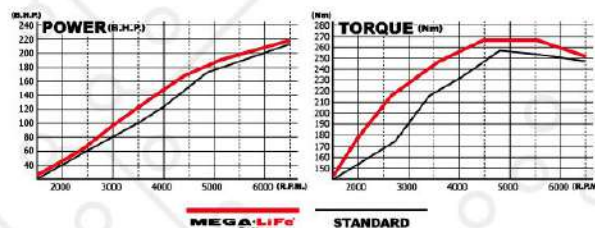
Satisfaction

- Warranty: 3-year, full replacement warranty.
- Maintenance free: Sealed design mean zero maintenance for life of the battery.
- Wide application range: 54 different configurations to suit direct replacement for cars, motorbikes, boats and jetskis. Racing applications to suit formula, bike, any car racing, marine and kart.

Sustainability

- Leaving Lead Behind: Free of harsh acids and dangerous heavy metals.
- Green product: Non-toxic, non-pollutive, recyclable product with compliance to RoHS environmental standards.

Performance Increase



	MEGA•LiFe Battery	Lead-acid battery
Weight (Same Model)	Under 1/3	1
Discharge rate (Month)	1%	5%~7%
Charging time from drain to full	15min	4~6 hours
Lifetime / Cycle	5~10 years / 1500	1~3 years / 300
Waterproof	3 meters (IPX8)	None
Shockproof	10 meters drop test	None
Emergency Starting	One Touch Start	None
Environmental protection	RoHS environmental standards	Lead pollution & Acid corrosion

MEGA·LiFe[®] Battery



Wide application range

Our batteries have the 1:1 when compared to the original battery on your motorcycle. Therefore, you DO NOT need any modifications and relocations when you change to our Mega-LiFe battery.

We offer you a lighter weight (up to 30% of weight compare to lead-acid batteries) and longer life battery (up to years of lifetime, over 1500 full recharging cycles).

Better performance so you can improve your motorcycle presentation and allow you to save fuel!



Dinghy



Jet ski



ATV



Snowmobile



Ducati 1299



Test and aim for the **best result.**

Buddy Club Race Team has been working with Japanese engineers that specialized in field of Lithium Battery.

Team Buddy Club has devoted to building the most stable, long-life and excellent performance automotive batteries that conquer extreme quality requirements from race track.



We provide battery customization service specifically to your needs.



Mega-LiFe battery spec list

※ Image shown hereon is for illustration purposes only. Actual product may vary.
For actual model, please check on www.megalife-battery.com.

	Part No.	Voltage	Size(mm)	Main Ah	Main CCA	Spare Ah	Spare CCA	Total CCA	Weight	Emergency Start	Charger
Motorbike	MB-4A	12.8v	113x48x85	2.0Ah	120			120	0.4kg	/	2A
	MB-4B	12.8v	113x38x85	2.0Ah	120			120	0.4kg	/	2A
	MB-4L	12.8v	113x70x85	2.4Ah	140			140	0.5kg	L	2A
	MB-5L	12.8v	113x70x105	3.0Ah	180			180	0.8kg	L	2A
	MB-7A	12.8v	150x87x93	6.0Ah	320			320	1.5kg	R	2A
	MB-7A-S	12.8v	150x87x93	4.0Ah	240	2.4Ah	160	400	1.5kg	R	2A
	MB-7L	12.8v	113x70x130	6.0Ah	320			320	1.5kg	L	2A
	MB-7L-S	12.8v	113x70x130	4.0Ah	240	2.4Ah	160	400	1.5kg	L	2A
	MB-7B	12.8v	150x65x93	6.0Ah	320			320	1.5kg	R	2A
	MB-7B-S	12.8v	150x65x93	4.0Ah	240	2.4Ah	160	400	1.5kg	R	2A
	MB-7S	12.8v	113x70x105	5.5Ah	300			300	1.0kg	L	2A
	MB-9B	12.8v	150x70x105	4.8Ah	300	3.0Ah	180	480	1.6kg	R	2A
	MB-9	12.8v	150x87x105	4.8Ah	300	3.0Ah	180	480	1.6kg	R	2A
	MB-10S	12.8v	150x87x93	4.8Ah	300	3.0Ah	180	480	1.5kg	R	2A
	MB-12A	12.8v	150x87x105	6.0Ah	340	3.0Ah	180	520	1.8kg	R	2A
	MB-12	12.8v	150x87x130	6.0Ah	340	3.0Ah	180	520	1.8kg	R	2A
	MB-12B	12.8v	150x69x130	8.0Ah	480			480	1.8kg	R	2A
	MB-12B-S	12.8v	150x69x130	6.0Ah	340	3.0Ah	180	520	1.8kg	R	2A
	MB-12S	12.8v	150x87x110	6.0Ah	340	3.0Ah	180	520	1.8kg	R	2A
	MB-14S	12.8v	150x87x110	6.0Ah	340	3.0Ah	180	520	1.8kg	R	2A
	MB-14	12.8v	150x87x145	7.0Ah	380	4.0Ah	220	600	2.1kg	R	2A
	MB-14L	12.8v	150x87x145	7.0Ah	380	4.0Ah	220	600	2.1kg	L	2A
	MB-19BL	12.8v	181x78x170	11.0Ah	480	5.0Ah	250	730	2.3kg	L	6A
	MB-20L	12.8v	175x87x155	11.0Ah	480	5.0Ah	250	730	2.3kg	L	6A
	MB-30L	12.8v	165x126x175	18.0Ah	600	6.0Ah	300	900	3.5kg	L	6A
Parts	MLBC14-10A	MegaLiFe Battery Charger									
	MLBC14-6A	MegaLiFe Battery Charger									
	MLBC14-2A	MegaLiFe Battery Charger									
	MLBT001	MegaLiFe Battery test meter									



www.megalife-battery.com



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