

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



MEGA·LiFe®
Battery

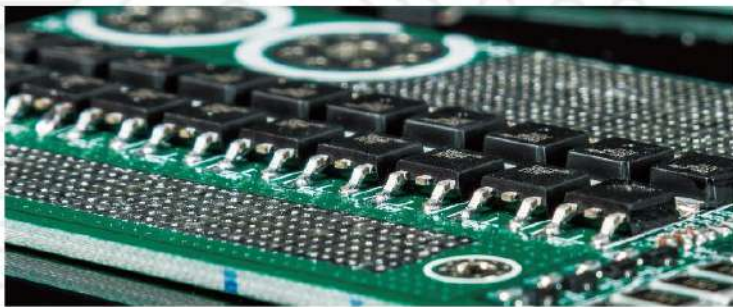
LiFeP04
LITHIUM ION BATTERY
For Motorsports

Lightweight! More Powerful! More Safety! Higher Performance!

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. From mobile phones to electric cars, lithium batteries and now industry standard for electrical energy storage.

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 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 the outstanding product.

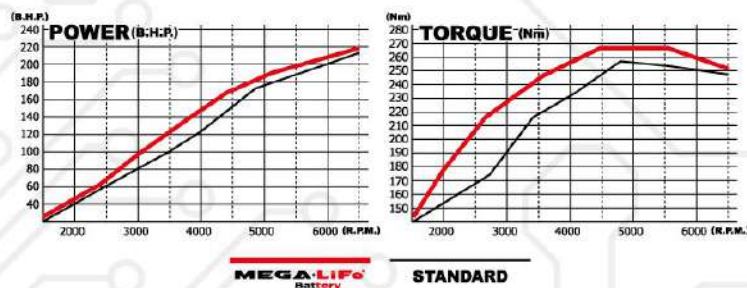


IBMS -Integrate Battery Management System

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.



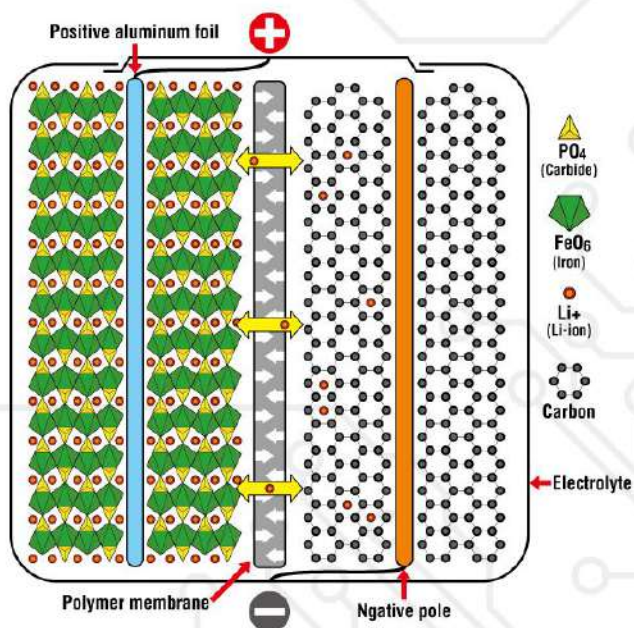
Better Performances



All new designed shell case ensures security

Endures 10 meter drop-test without any malfunction. Water-proofing performance under water up to 3 meters. (IPX8)

	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



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!





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.



For Motorsport and Karting, we provide battery customization service specifically to your needs.

Le Mans Prototype

GT Race Car

Formula Race Car

Touring Car

Rally Car

Karting

Motorcycle Racing



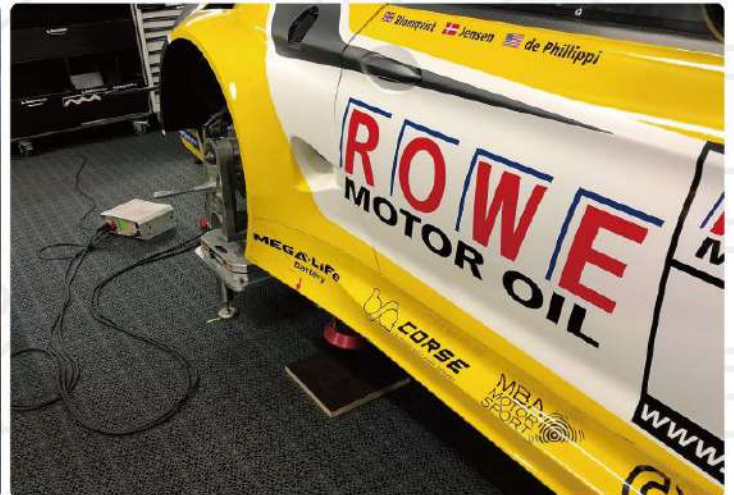


Official Partners

The F3 Asian Championship certified by FIA, has adopted Mega LiFe Batteries as its official battery supplier.







Mega-LiFe battery spec list

※ For actual model and specification, please check on www.megalife-battery.com.

Part No.	Voltage	Size(mm)	Main Ah	Main CCA	Spare Ah	Spare CCA	CCA	Weight	⊖	Startup	Charger
MR-2	12.8v	150x65x93	2.2Ah	180			180	0.6kg	R	No	2A
MR-4	12.8v	150x65x93	4.4Ah	260			260	0.8kg	R	No	2A
MR-8	12.8v	150x87x93	5.5Ah	300			300	0.9kg	R	No	2A
MR-20	12.8v	181x78x170	15Ah	730			730	2.1kg	L	No	6A
MR-20S	12.8v	181x78x170	11Ah	530	5Ah	200	730	2.1kg	L	Yes	6A
MR-30	12.8v	181x78x170	20Ah	900			900	2.6kg	L	No	6A
MR-30S	12.8v	181x78x170	15Ah	730	5Ah	200	930	2.6kg	L	Yes	6A
MR-40	12.8v	230x82x202	25Ah	1200			1200	3.6kg	L	No	6A
MR-40S	12.8v	230x82x202	20Ah	900	5Ah	200	1100	3.6kg	L	Yes	6A
MR-19	12.8v	197x130x200x220	25Ah	550	5Ah	200	750	4.0kg	L	Yes	6A
MR-23	12.8v	231x174x200x220	40Ah	1100	6Ah	300	1400	7.2kg	L	Yes	10A
MR-24	12.8v	238x134x200x220	28Ah	700	6Ah	200	900	5.0kg	L	Yes	10A

Accessories

MLBC14-10A	MegaLiFe Battery Charger
MLBC14-6A	MegaLiFe Battery Charger
MLBC14-2A	MegaLiFe Battery Charger
MLBT001	MegaLiFe Battery test meter





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