

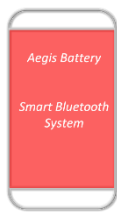


High Performance Lithium-ion RV batteries

To properly select and extend the life of the vehicle batteries, you need to have a basic understanding of what a battery is and how it works.

Traditional batteries used in RVs are lead-acid batteries. However, lead-acid battery is only 'half-capacity' battery: for 24V, 12Ah lead-acid batteries, it only can be discharged 50%. In reality, you can get only 6Ah out of the battery so that 24V, 12Ah lead acid is basically a 6Ah battery.

Li-ion battery is 'full-capacity' battery: for 24V, 12Ah Li-ion battery, you could get nearly 100% capacity! 12Ah Li-ion Battery = 12Ah of True Capacity!



The battery has a built-in battery management system (BMS) that keeps the battery running at peak performance and protects the cells for thousands of cycles, including over-charge, over-discharge, over-current, and short-circuit protection. You get top performance in a lighter form factor for optimal speed and range.

COMPARATIVE DATA CHART

	LEAD ACID	NMC	LFP
Size	(large)	3x SMALLER	2x SMALLER
Weight	(heavy)	50-60% LIGHTER	60-70% LIGHTER
Life Cycles	200-300	1000-2000	2000+
Energy	35-40WH/kg	150-220WH/kg	90-120WH/kg
Protection	(none)	STANDARD	STANDARD
BMS	(none)	STANDARD	STANDARD
Safety	Toxic Sulfating Venting Leaking	NON-TOXIC	NON-TOXIC
Corrosive	YES	NONE	NONE
Memory Effect	YES	NONE	NONE
Partial Cycling	NO	YES	YES
Real Capacity	50%	100%	100%

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12V 125Ah



12V 75Ah



12V 55Ah