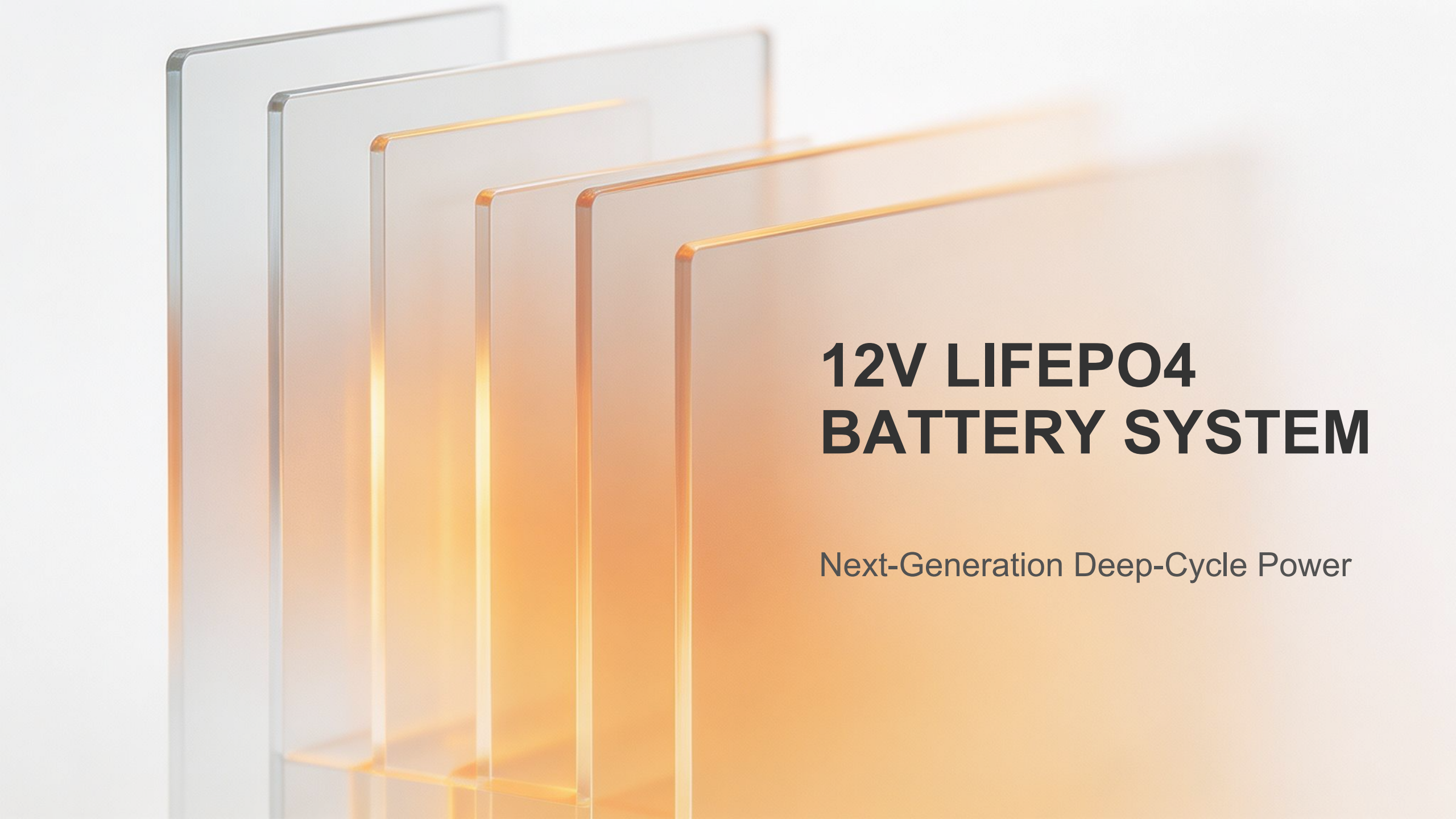




12V LIFEP04 BATTERY SYSTEM

Next-Generation Deep-Cycle Power

PRODUCT SERIES



12V 100Ah

Perfect for compact applications like camping, small setups, and as a reliable, space-saving backup power source for essential devices.



12V 200Ah

The versatile all-rounder, ideal for RVs, marine vessels, and off-grid solar systems. Balances capacity and portability for daily use.



12V 300Ah

Our high-performance heavy-duty model, built for large solar setups, industrial backup, and power-hungry off-grid living applications.

TECHNICAL SPECIFICATIONS

Specification	12V 100Ah Model	12V 200Ah Model	12V 300Ah Model
Nominal Voltage	12.8V	12.8V	12.8V
Nominal Capacity (Ah)	100Ah	200Ah	300Ah
Nominal Energy (Wh)	1280 Wh	2560 Wh	3584 Wh
Max Charging Current	50A	100A	100A
Max Discharge Current	100A	200A	200A
Peak Current	200A	300A	300A
Product Weight	12 kg ± 1 kg	20 kg ± 0.3 kg	26 kg ± 1 kg
Dimensions (L×W×H)	330×174×215 mm	522×240×218 mm	522×240×218 mm
BMS build in	Cycle times:≥6000	Cell Grade: A-Grade	ABS housing material

APPLICATION: RVs & Camping



Power Your Journey

Run lights, appliances, entertainment systems, and climate control seamlessly while off-grid. Keep your campsite functional and comfortable, no matter how remote the location.



Lightweight & Space-Saving

Engineered for easy installation with a compact, space-efficient design. Save precious weight and interior room in your RV, maximizing capacity for adventure gear and essentials.



Long-Lasting Power

High-density cells deliver extended run times, minimizing recharging stops. Enjoy uninterrupted power for days, whether boondocking in the wilderness or exploring scenic backroads.

APPLICATION: Solar Power Systems



Seamlessly integrate with residential solar arrays to capture, store, and utilize clean energy, creating a sustainable and resilient power ecosystem for modern living.



Intelligent Energy Storage

Efficiently store surplus daytime energy generated by solar panels for use during peak demand, nighttime hours, or periods of low sunlight, ensuring zero energy waste.



Off-Grid Autonomy

Deliver a stable, independent power supply for remote homes, cabins, and installations, eliminating reliance on the traditional power grid and enhancing energy security.



Maximum Efficiency

Engineered with advanced cell technology to minimize energy loss and maximize power conversion, ensuring your solar system operates at peak performance in all conditions.

SAFETY & CERTIFICATIONS

Quality You Can Trust

We prioritize safety and quality above all else. Every RVPOWER 12V LiFePO4 battery is meticulously engineered and manufactured to meet the strictest international safety and performance standards, ensuring reliability for all your power needs.



CE Certification

Fully compliant with European health, safety, and environmental standards, ensuring seamless integration and legal operation across the EU and EEA.



RoHS Compliance

Strictly restricts the use of hazardous materials like lead and mercury, making our batteries environmentally safe for production, use, and disposal.