

VISION REVO 12V9Ah

LiFePO4 SERIES



The Vision Revo 12V9Ah is an advanced LiFePO4 lithium battery designed for UPS systems, energy storage applications, and direct replacement of conventional lead-acid batteries. Featuring an integrated Battery Management System (BMS), high energy density, long service life, and exceptional reliability, it delivers safe and efficient performance in demanding applications.

BENEFITS

- More than 3,000 charge/discharge cycles at 100% DOD for exceptionally long service life.
- Integrated Battery Management System (BMS) continuously monitors voltage, temperature, and current, providing protection against overcharge, over-discharge, overcurrent, and short circuits.
- Weighing only 1.25 kg, significantly lighter than comparable lead-acid batteries.
- Direct replacement for 12V lead-acid batteries without requiring an external BMS or system modifications.
- Supports continuous discharge currents up to 45A for demanding power applications.
- Supports up to 6 batteries in series and parallel battery configurations for greater system design flexibility.
- Reliable operation from -20°C to +55°C during discharge and 0°C to +45°C during charging.

- Requires no maintenance, reducing operating costs and simplifying system ownership.

APPLICATIONS

- UPS Systems
- Backup Power Systems
- Security Systems
- Telecommunications
- Solar Energy Systems
- Portable Power Applications
- Industrial Control Systems
- Emergency Lighting Systems
- 12V Lead-Acid Battery Replacement

Model	Nominal Voltage (V)	Nominal Capacity (Ah)	Length (mm)	Width (mm)	Height (mm)	Total Height (mm)	Terminal	Weight (Kg)
LFP-12.8V9Ah	12.8	9	152	65	98	98	F1/F2	1.25