



American Signal

AMSIG LiFePO₄ Battery Upgrade



Get a quote



© American Signal Company. Specifications subject to change without notice. All rights reserved.

• RELIABLE • VERSATILE

American Signal Company's LiFePO₄ Battery Upgrade provides a lighter, longer-lasting power solution for compatible portable message signs and ITS equipment. Compared with traditional lead-acid batteries, LiFePO₄ technology delivers more usable energy, maintains steadier power throughout the discharge cycle, and provides thousands of charge cycles with fewer battery replacements. Its integrated Battery Management System and stable chemistry support reliable, maintenance-free operation while eliminating the risk of liquid acid leaks and spills. The upgrade includes a 10-year limited warranty when paired with AMSIG ITS Cloud Manager. Without ITS Cloud Manager, the standard one-year limited warranty applies.

BATTERY TECHNOLOGY COMPARISON

Features	AMSIG LiFePO ₄ BATTERY UPGRADE	TYPICAL LEAD-ACID BATTERY
Battery Warranty	10-year battery warranty when paired with ITS Cloud Manager	Shorter service life with more frequent battery replacement
Energy Density	Up to 5× the energy density	Lower energy density
Maintenance	Maintenance-free	Requires more maintenance and replacement
Total Cost of Ownership	Lower maintenance, downtime, and cost per cycle	Long-term maintenance and replacement costs