



## Scalable Lithium Power for Mobile Electrified Power Equipment®

The ELiMENT® Lithium Iron Phosphate (LiFePO<sub>4</sub>) Battery family is the core power source for the EPEQ® Mobile Electrified Power Equipment® line. Designed to power air compressors, hydraulics, idle management, and auxiliary power, ELiMENT® replaces engine-driven systems to reduce idle time, minimize maintenance and vehicle wear, and maximize fleet productivity.

Engineered for work trucks, vans, and mobile service applications, ELiMENT® batteries deliver fast charging, long life, compact packaging, and industry-leading safety in a rugged, IP67-rated design built for real-world conditions.

### Key Advantages

- Fast charging: fully charges in as little as 1.5 hours
- Zero maintenance: no watering, equalizing, or routine service
- Consistent power: full output down to 10% remaining charge
- Long service life: 5,000 cycles with a 5–7 year lifespan
- Scalable power: expandable for increased performance
- Auxiliary charging input: supports rooftop solar for supplemental, off-grid charging

### Flexible Installation Options

Compact footprints and quick-connect plugs allow easy installation, relocation, and service.

ELiMENT® batteries fit:

- Tool cabinets
- Van shelving units
- Service body side-packs
- On the chassis rail

### NEW 7kWh Linear Design Advantage

The ELiMENT® 7kWh battery delivers increased power in a linear form factor designed for long, narrow shelving spaces. It can be installed flat or on its edge, giving upfitters maximum flexibility in tight installations. With its IP67 rating, the 7kWh battery can also be mounted to the vehicle chassis rail, helping maximize available cargo and load space.

### Advanced Safety by Design

Every ELiMENT® Battery includes an integrated EPEQ® Battery Management System (BMS) that protects against:

- Over-current and short-circuit
- Over-charge and over-discharge
- Over-temperature and under-temperature

### Safer LiFePO<sub>4</sub> Chemistry

- Chemically stable and non-combustible
- Mitigates thermal runaway, reducing overheating or ignition risk
- Nontoxic and free of hazardous fumes



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# ELiMENT<sup>®</sup> Battery Specifications



## ELiMENT<sup>®</sup> 5kWh Battery

Capacity:	100Ah / 5.12 kWh
Voltage:	48V
Cycle life:	5,000 cycles
Weight:	109 lbs.
Dimensions with handles:	13.25" L × 16.73" W × 13.4" H
Dimensions without handles:	12.76" L × 14.17" W × 11.4" H



## ELiMENT<sup>®</sup> 7kWh Battery

Capacity:	135Ah / 6.9 kWh
Voltage:	48V
Cycle life:	5,000 cycles
Weight:	161 lbs.
Form factor:	Linear; installs flat or on edge
Dimensions:	33" L × 10.9" W × 9.88" H

## System Monitoring & Control

### EPEQ<sup>®</sup> Smart Display

- LED display with anti-glare coating
- IP67 rated
- Displays state of charge, charge/discharge rates, cycle count, cell voltage, and battery temperature
- Active faults and warnings

### Mobile App Connectivity — Real-time Battery Health Monitoring

- Troubleshooting and diagnostics
- Access to key operating data
- Enables software and firmware updates



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