



Lithium Ion Industrial Battery Systems



No Maintenance
Required



6 to 12 Year
Warranty



Plug-and-Play With Any
Truck



Use Existing
Chargers



Meets Minimum
Weight/Dimensions



Opportunity
Charge in 1 Hour

- Capacity: Up to 100 kWh
- Voltage: 12v, 24v, 36v, 48v, 60v, 72v, 80v, 88v
- Volumetric Energy Density: Up to 200 wH/kg
- Chemistry: LiMn or LiFePO4
- Case Construction: Welded steel with access covers or retractable core
- Cycle Life: Up to 10,000 cycles depending on application and cycling parameter
- Maximum Charge Rate: Up to 1C continuous; boasts a 1 hour recharge time
- Maximum Discharge Rate: Up to 10C (non-continuous); 1C continuous
- Opportunity Charge With Existing Chargers: Option to include more than 1 charge port on system; facilitate additional amps by utilizing more than 1 charger per battery

Feature	Lithium Ion	Lead Acid
Plug-and-Play - Truck + Charger Compatibility	✓	✓
No Maintenance	✓	X
6 Year Warranty in 3 Shift Use	✓	X
12 Year Warranty in 2 Shift Use	✓	X
Capable of Meeting Truck Weight Requirements	✓	✓
Recharge Time	1 hour opportunity charge	8 hours
Recommended Cooldown Time	none	8 hours
Batteries Required Per Truck (3 Shift)	1	2-3
Efficiency	99%	75%
Cold Storage Efficiency	95%	60%