



Why Lithium Ion



Superior Performance

- Fast lifting and travel speeds at all levels of discharge.
- Single battery operation
- Service life >3000 cycles
- Fast charge (2 hours or less)
- NO "Memory" effect



Leading Edge Technology

- Rapidly expanding market
- Big design advantage over the competition
- Battery Management System and Telemetry
- Wireless Capability
- Remote trouble-shooting



Safety and Sustainability

- Reduce carbon footprint*
- No hazardous fumes or acid spills*
- Eliminate battery watering*
- Eliminate battery changes at each shift*



Cost Cutter

- Lower Total Cost of Ownership*
- 2-3X life cycle*
- Zero daily maintenance*
- No battery room required
- Up to 15% savings on electricity bills*
- Smaller battery, shorter trucks, narrower aisles, more available pallet positions*
- Less lift truck component wear*

Why OneCharge



- ✓ Versatility – over 600 models
 - Fits Class I, II and III Lifttrucks, Ground Support Equipment, Sweepers and Scrubbers, Personnel Carriers
 - Options: FROST, BIC, BDI, CAN, WIRELESS, BALLAST



Full focus on MHI / customized solution for any truck make and model



Plug & Play – seamless integration and compatibility with all truck models



Factory to Dealer support and service

* Compared with Lead Acid Batteries



TECHNICAL PARAMETERS

Features	OneCharge Batteries
CHEMISTRY	LiFePo4
VOLTS	24, 36, 48, 72, 80, 96, 120, 144
AH CAPACITY	90-2000
BATTERY SIZES OFFERED	600
MHE	Class I,II, III
GSE	Tugs, Belt Loaders
AGV	Pallet Jacks, Stackers
FACTORY LOCATION	Garden Grove, CA
WARRANTY	5 Year, 3000 Cycles
BMS	YES
CAN OPTION	YES
EXTERNAL BDI	YES
FREEZER Package	FROST 1 (+32 to +68°F) FROST 2 (-22 to +68°F)
SEAL KIT	YES
EXTRA WEIGHT/BALLAST	YES
WIRELESS ENABLED	YES
RECYCLE PROCESS	YES
FLEXIBLE DESIGN	Custom ballast and cell configurations based on case and compartment sizes.

Manufacturing Lithium Batteries Since 2012

Drop-in Solution for ALL Major Brands

Full CAN Integration with HYG, Combilift

Data Logging and Reporting Interface

Compatible with Chargers made by Ecotec, Eco Charge, Stanbury, Ametek, ACT, Bassi, Fronius, POSI, Power Designers

Available Chargers 110v (Built-in), 208, 240, 480, 600 VAC 3PH

Separate Charging Port for One Motion Charging

Factory Trained Dealer Network

Factory Service Technicians



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