



Material Handling Battery Systems

Powered by Infinity Lithium-ion Ceramic Technology

Advantages

- Safety** - UL2580 listed cells and systems protected using proprietary lithium-ion ceramic technology and leading safety systems
- Superior Cycle Life** - Best performing NMC lithium-ion cells in the industry backed with 3rd party test data
- Increased Productivity** - Longer run times, higher round-trip efficiency, and faster charge rates with opportunity rapid charge
- Lowest Total Cost of Ownership** - Longest cycle life in the industry with lowest \$/cycle technology
- Plug & Play** - Existing and new fleets for class I, II and III applications can be outfitted with no to limited infrastructure upgrades
- Strongest Warranty** - Up to 10 years
- Proven** - Powering over 9000 MHE with some of the largest companies in the world

Specifications

Voltage Range (V)	24	36	48
Forklift Class	II, III	I, II	I, II
Width Dimension (mm)	224 - 353	337 - 864	424 - 1148
Weight (kg)	90 - 726	816 - 1406	635 - 1941
Battery Capacity (Ah)	282 - 564	564 - 1,128	282 - 1,128
Total Energy Nominal (kWh)	7.2 - 14.4	20.6 - 41.2	14.4 - 57.6
Battery Technology	Electrovaya EV cell (NMC with ceramic separator for safety)		
Charging Time	1.5 hour fast charge capability*		
Operational Temperature	Discharge: -30°C to 55°C / Charge: -5°C to 55°C Operations at 55°C-60°C allowed for ≤24hrs		
Cycle Life	Up to 14000 cycles **		
WiFi	Enabled for remote monitoring and data logging		
Charger	Compatible with multiple charger vendors; CANBus and WiFi charger control		
Warranty	6 years extendable to 10 years		

* May vary depending on the operating conditions

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INFINITY
LITHIUM ION CERAMIC TECHNOLOGY
by **electrovaya**