



Automated Guided Vehicle (AGV) 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
- **Strong Warranty** - Up to 8 years
- **Proven** - Infinity technology powering over 30,000 motive vehicles

Specifications

Voltage Range (V)	24 - 330
Weight (kg)	37 - 510
Battery Capacity (Ah)	54 - 564
Total Energy Nominal (kWh)	1.4 - 31.3
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: 0 °C to 55 °C Discharge: -22 °F to 131 °F / Charge: 32 °F to 131 °F
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	Up to 8 years

* May vary depending on the operating conditions

**May vary with the operating conditions

INFINITY
LITHIUM ION CERAMIC TECHNOLOGY
by **electrovaya**

Phone: +1.905.855.4610 Web: www.electrovaya.com

This document is for informational purposes only and is non-binding. As Electrovaya is committed to ongoing product development, the information on this document is subject to change without notice.