




Material Handling System

Powered by 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 lithium ion cells in the industry backed with 3rd party test data
- Increased Productivity** - Longer operating times, faster charge rates with opportunity rapid charge
- Maintenance Free** - NO watering, NO battery changes!
- Lowest Total Cost of Ownership** - Longest cycle life in the industry
- Lower Operating Costs** - No more need for spare batteries / trucks, lower electricity consumption
- Reduced Energy Costs** - Through efficient energy management
- Plug & Play** - Existing and new fleets can be outfitted with no new infrastructure requirements and drop-in-ready for existing or new electric class-I, class-II, and class-III material handling electric truck fleets
- Strongest Warranty** - Up to 10 Years
- Proven** - Powering Over 1500 Operating Vehicles with some of the largest companies in the world as major customers and OEM approved

Specifications

Voltage Range	24V	36V	48V
Forklift Class	II, III	I, II	I, II
Width Dimensions (in)	8.85 - 13.9	13.3-34.02	16.7-45.2
Min. Weight (lbs)	200 - 1600	1800 - 3100	1490 - 4280
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-44 (NMC with ceramic separator for safety)		
Charging Time	1 hour fast charge capability*		
Operational Temperature	Discharge: -30 °C to 50 °C / Charge -5 °C to 50 °C Discharge: -22 °F to 122 °F / Charge: 23 °F to 122 °F		
Cycle Life	9000 + cycles **		
WiFi	Enabled for remote monitoring and data logging		
Charger	Compatible with Electrovaya's UberCharge and approved chargers; CANBus and WiFi charger control		
Warranty	6 years extendable to 10 years		

* May vary depending on operating condition
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