

# ENERGY ESSENTIALS DISTRIBUTED BY RAYMOND® LITHIUM-ION BATTERY

LONG-LASTING, FAST-CHARGING SOLUTIONS WITH  
AN 8 YEAR/5000 CYCLE WARRANTY.

With thousands of units in operation worldwide, and years of proven performance and value, lithium-ion lift truck batteries from Energy Essentials Distributed by Raymond® continue to be a driving force in the rapidly growing lithium-ion market.

Engineered for exceptional durability, reliability, and energy efficiency, our batteries can help you enhance productivity and cut costs by right-sizing your power with proper charging compliance.

With all the alternatives available today, see why businesses continue to be repeat customers after trying our batteries at a single location.



**ENERGY ESSENTIALS**  
DISTRIBUTED BY **RAYMOND**



## FEATURES & BENEFITS

- + **Lowest Total Cost of Ownership** with the longest cycle life in the industry and the opportunity to right-size your power systems.
- + **Increased Productivity** with long run times, fast charging, and convenient opportunity charging.
- + **Less Maintenance** with a completely sealed design that eliminates the watering, equalizing, and cleaning requirements of traditional lead-acid batteries.
- + **Easy Installation and Implementation** with a drop-in, plug-and-play design compatible with your entire fleet of new or existing Raymond electric lift trucks.

**5,000+**

UNITS IN OPERATION AT SOME OF THE  
LARGEST COMPANIES IN THE WORLD



**4**

CONTINENTS  
WITH ACTIVE  
INSTALLATIONS



**8**

YEAR OR  
5000 CYCLE  
WARRANTY

If you're looking for a partner with the tools and experience to help you run better and manage smarter, contact us today at 1-800-235-7200 or visit us at [raymondcorp.com](http://raymondcorp.com).

**RAYMOND**

## SPECIFICATIONS

Voltage Range	24V	36V	48V
Width Dimensions (in)	8.85 - 45.2	13.3 - 34.02	16.7 - 45.2
Min. Weight (lbs)	1105 - 1684	1895 - 3250	1947 - 3158
Battery Capacity (Ah)	282 - 564	564 - 1128	564 - 1128
Total Energy Nominal (kWh)	7.2 - 14.4	20.6 - 41.2	28.8 - 57.6
Battery Technology	NMC with ceramic separator for safety		
Charging Time	1.5 hours fast charge capability*		
Operational Temperature	Discharge: -30°C to 50°C (-22°F to 122°F) Charge: -5°C to 50°C (23°F to 122°F)**		
Cycle Life	5000+ cycles***		
Interface	Create a power system agnostic interface enabling data liberation with Power Source Integrated (PSI) and Power Source Limiting (PSL) options.		
Charger	Compatible with Energy Essentials Distributed by Raymond lithium-ion chargers		
Warranty	8 years or 5000 cycles		

\* May vary depending on operating condition and output of charger.

\*\* All charge/discharge below 5°C is limited to 10% of operating time, above 40°C to 45°C is limited to 5% of the operating time and above 45°C to 50°C is limited to 2% of the operating time; ambient temperature should not be higher than 35°C for extended periods.

\*\*\* May vary with operating conditions.



Our batteries carry the UL 2580 certification, giving you peace of mind that every unit has been tested to the highest safety standards—protecting your operators, equipment, and investment while delivering the dependable performance you expect.

Designed and engineered specifically for our trucks, Raymond's lithium-ion batteries further enhance the most reliable, efficient, and productive fleet in the industry.

For more information or to conduct a power study to identify the best energy source and capacity for your operation, please contact your local Raymond Solutions and Support Center.