

DROP-IN 24V LITHIUM-ION BATTERIES FOR 8210 PALLET TRUCKS

EXPERIENCE THE BENEFITS OF
HIGH-PERFORMING, LONG-LASTING
LITHIUM-ION BATTERIES.

The drop-in 24V lithium-ion battery packs from Energy Essentials Distributed by Raymond® can help enhance efficiency and productivity of your 8210 Pallet Trucks.



ENERGY ESSENTIALS
DISTRIBUTED BY **RAYMOND®**



BATTERY FEATURES & BENEFITS

- + **Move loads more consistently and reliably** with higher sustained power and no voltage drop-off.
- + **Maximize uptime** with convenient opportunity charging.
- + **Lower your total cost of ownership** with a high cycle life (3000 cycles with no performance drop-off).
- + **Increase productivity** with long run times and no required battery swapping between shifts.
- + **Minimize maintenance** with no watering or equalizing.
- + **Convert to lithium-ion quickly and easily** with a drop-in, plug-and-play design.



HOW MUCH COULD YOU SAVE BY SWITCHING TO LITHIUM-ION?

Use our ROI calculator to see the potential cost savings of switching your fleet to lithium-ion batteries.

www.raymondcorp.com/LIB-ROI-Calculator

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.

RAYMOND

DROP-IN DESIGN. STANDOUT PERFORMANCE.

LONGER BATTERY RUNTIME AND LIFETIME

Integrated Battery Management System (BMS) ensures the battery:

- + Provides peak performance at all times during operation (even at low charge levels)
- + Delivers long run times between charges
- + Maximizes the total battery lifespan

RELIABLE PERFORMANCE IN COLD TEMPERATURES

Integrated heaters enhance battery performance in cold temperature applications.

FASTER, MORE EFFICIENT CHARGING

25A onboard charger optimizes charging speed and efficiency for greater uptime and productivity.



CONVENIENT, CONFIDENT OPERATION

Advanced battery design includes a range of features to allow easier, more reliable pallet truck operation:

- + Battery discharge indicator
- + Low state of charge buzzer
- + IP56 rating

GREATER PRODUCTIVITY AND SECURITY

Engineered around Lithium Iron Phosphate cells for more reliable, predictable performance compared to other lithium-ion chemistries.

SPECIFICATIONS

Length (in)	25.6
Width (in)	7.7
Height (in)	28.9
Battery Capacity (Ah)	105
System / Nominal Voltage (V)	24 / 25.6
Max Continuous Charge Current—External (A)	50
Max Continuous Charge Current—Internal (A)	25
Max Continuous Discharge Current (A)	50
Operating Temperature Range	-22°F to 131°F (-30°C to 55°C)
Cable Length (in) / Position (Standard)	20 / Position A/B
Cycle Life	3000 (with no performance drop-off)
Weight (lbs)	220
Charger	25A onboard charger
Warranty	5 years or 10000 hours

For more information or to see how lithium-ion battery packs could help optimize the performance of your 8210 Pallet Trucks, please contact your local Raymond Solutions and Support Center.