

Fruit and Wine Producer Allan Brothers Boosts Operation Effectiveness with OneCharge Li-ion Batteries

About OneCharge Lithium Batteries

OneCharge, Inc. is a US manufacturer of lithium-ion batteries for the material handling industry. We offer a forklift battery for nearly all makes and models of lift trucks (Class I, II, and III – 3,000 -70,000 lbs). OC also offers battery models to fit many Sweepers & Scrubbers, GSE, AGV, AMR, RLT, and more.

OneCharge's practical expertise leads the way in the lithium industrial battery market. Our engineering excellence allows us to manufacture the largest product line of lithium-ion electric forklift batteries for the material handling industry on the market — 650 and counting. All models are supported by the proprietary OneCharge advanced battery data management system. Our lithium-ion batteries are tailored to forklifts' use in a wide range of industries, including food and beverage; paper, pulp, and forest products; industrial manufacturing; distribution and logistics; retail; consumer goods; and utilities.

OneCharge is more than just a manufacturer -our partners recognize our expert sales engineers for always going the extra mile to meet the customer's needs and support our dealers. We have helped businesses across the Americas transition from diesel, LPG, and traditional lead-acid batteries to the more technologically advanced, more economic, and safer lithium power. Whether you're a longtime lithium-ion forklift battery user or still considering the switch, OneCharge can provide you with a tailored power solution, and manufacture with scale.



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“We were wowed with the benefits of Li-ion, and OneCharge batteries totally met our expectations.”

Randy Long, Forklift Fleet Manager, Allan Brothers

Growth & Impact



650+ models product line

OneCharge offers the biggest product line of lithium forklift batteries on the market.



Integration with forklifts

CAN integration provides safety and reliability of connection between a forklift battery, a host lift truck, and a charger.



Expected ROI

OneCharge customers report 20-40% off the total cost of ownership of their material handling equipment in 2-4 years after switching to lithium batteries from lead-acid.

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OneCharge's Lithium-Ion Batteries offered a solution to a company in need, providing immediate savings needed for a business expansion, avoiding ongoing expenses, and setting up the business to continue economizing in the future.



The Challenge

In 2018 the company installed a new apple packing line. The line, featuring cutting-edge technology, is the largest in the world.

At the same time as this expansion, the business was deciding on the next lease term for its lift trucks. The company's growth meant an unexpected demand for new battery space to accommodate a fleet of lift trucks powered by lead-acid batteries, a cost expected to amount to \$440,000.

With 30 trucks covering two shifts and each truck requiring a change of battery per shift, the management figured maintenance was racking up 750 minutes of downtime daily. This was costing the business up to \$56,000 yearly.

And the weekly preventive maintenance of the batteries required in the form of watering was estimated to cost another \$7,800 a year.

The Solution

Management closely looked into the available options and zeroed in on the efficiency and quality that Li-ion batteries could provide.

Compared to the costs associated with lead-acid batteries, the company's leaders realized how much could be gained by opting for lithium batteries for its lift trucks. Li-ion provided savings not only by sparing the expense of adding to the physical space for the battery room but in the time and money spent on battery maintenance and in the improved lift truck efficiency from better battery performance.

Added to this was the benefit of lower insurance costs from employees not working with hazardous lead-acid batteries and safer and cleaner conditions for both the workers and the company's food product lines.

Allan Brothers found a solution to the mounting expenses associated with lead acid battery-powered electric lift trucks and boosted operational efficiency with OneCharge lithium batteries.

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Randy Long, Forklift Fleet Manager, Allan Brothers