



## GETTING WORK DONE

**CANADIAN ENERGY WAREHOUSES INSTALL DISCOVER BATTERY POWER PACKS IN THEIR CLASS III ELECTRIC PALLET WALKIES TO REDUCE MAINTENANCE AND PREMATURE FAILURES.**

ALBERTA, CANADA



### OVERVIEW

Canadian Energy is a national leader in the distribution of energy products, with 19 branches across the country, 47 route trucks and a network of over 10,000 dealers nationwide.

The majority of Canadian Energy warehouses and branches across Canada rely on their Toyota Raymond 8210 Class III Electric Pallet Walkies. With the electric pallet walkies being so important to their operations, batteries are critical to ensuring it keeps running.

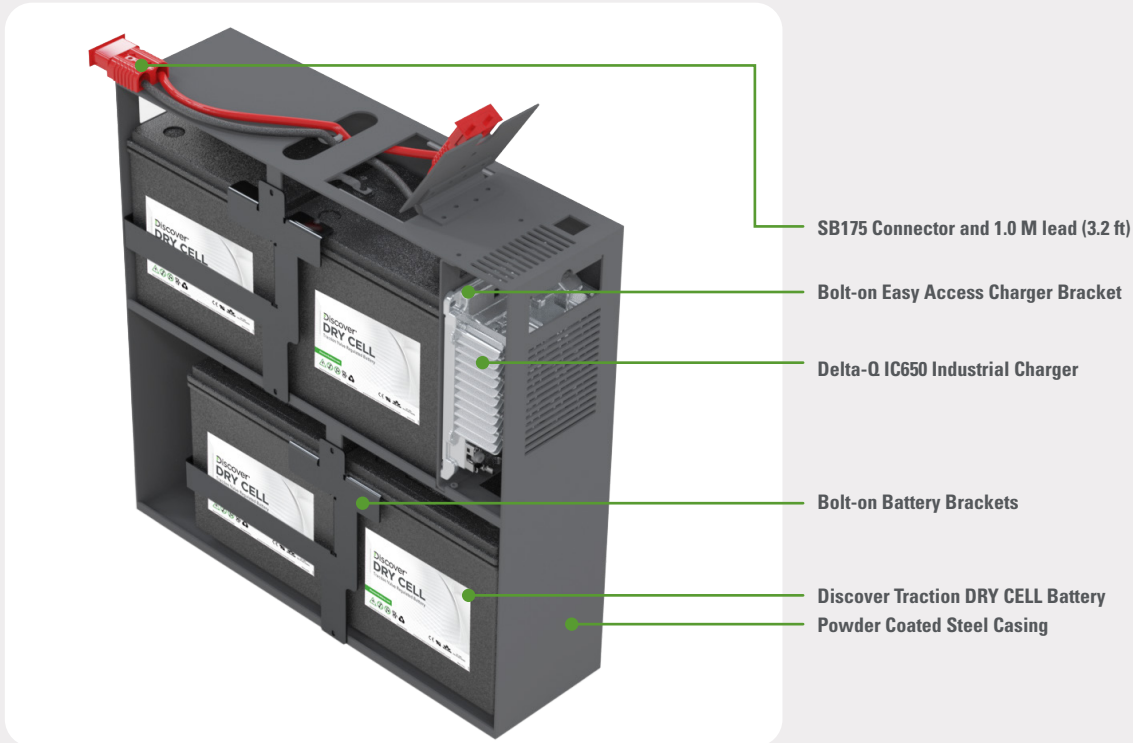
As the original flooded battery packs neared end of life, Canadian Energy made the decision to switch to a maintenance-free alternative to improve down-time and reduce maintenance. The Discover POWER PACK was selected and integrated.


Discover's Class III Pallet Walkie POWER PACK is an integrated battery and charger solution purpose built to deliver productivity and reliability. The POWER PACK features a vibration resistant steel case and IP67 sealed 24V charger.

At the heart of the POWER PACK are Discover DRY CELL batteries. The batteries are maintenance-free and eliminate the costs and hassle of water-topping, and improve operator safety from battery acid spills and off-gassing during charging. DRY CELL batteries have been vigorously tested by OEMs and proven to be best in class in material handling applications.

*“Our warehouse is full of equipment that is critical to keeping the day running. Everything is time critical and our Raymond pallet walkies with Discover Power Packs do the job. I don’t have to worry about battery maintenance and risks of acid spills when on a rush.”*

*Carlo Triolo - Warehouse Manager, Canadian Energy, Saskatoon*



|   |   |   |   |   |   |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| OEM TRUSTED   | RESILIENCE  | EXTREME VIBRATION RESISTANCE  | EXTREME TEMPERATURES  | QUICK FIT   | RELIABLE, SAFE, CERTIFIED   |

## THE DISCOVER DIFFERENCE

The Discover POWER PACK extend down to the details. With pallet walkies deployed in a wide range of environments and facilities, ambient temperature can also be in the extremes.

With all lead-acid batteries being sensitive to heat and charging, Discover POWER PACK counteracts high temperature environments by using DRY CELL batteries that feature a Hydro Polymer technology to resist battery dry-out. The packs also feature a design that allow

the charger to be installed in a way to dissipate heat and avoid the common occurrence where the battery closest to the charger fails first.

The Delta Q charger integrated into the POWER PACK are equipped with specific charging algorithms for DRY CELL batteries to optimize performance and charging under Partial State of Charge (PSOC) conditions. Temperature compensated charging is available for faster charging while prolonging battery life.



Heat generated during charging can be detrimental to charging time and battery life. Keeping the heat away from the batteries and charger will improve charge time efficiency and prolonged battery life.