



V-Force[®] Lithium-Ion Compact Batteries



Keep Charging, Stop Changing

with V-Force Lithium-Ion Compact Batteries

Enhance lift truck performance with all the benefits of lithium-ion technology, including greater efficiency and longer runtimes than traditional lead-acid technology. The compact design combines cost-efficiency with high energy density.



Superior energy solution for pallet trucks and stackers

Battery management system

The system prevents deep discharging and overcharging of the lithium-ion batteries, extending the total lifespan.

Lithium-ion compact batteries

High performance based on one of the most stable lithium chemistries available.

Flexible charger options

Two integrated options as well as external chargers provide the power for each application. All options allow opportunity charging.

V-Force technology makes the difference

A system designed for performance

V-Force Lithium-Ion Compact Batteries come with multiple value-added functions, making them easier and more efficient to use:

- ✓ Integrated charger or external charger, compatible with V-Force V-HFB chargers
- ✓ Fully integrated with truck, so the truck display shows battery discharge levels and warnings
- ✓ Battery management system that extends battery life by preventing abuse or operation in non-warranted conditions
- ✓ Connection to Early Warning System that alerts operator before the system shuts down the truck
- ✓ Enables opportunity charging without risk of battery damage



Longer life

Lithium-ion batteries can be subjected to many more charge/discharge cycles than lead-acid batteries before their capacity is significantly reduced.



Extended runtime

Lithium-ion batteries have a higher energy density, often resulting in longer runtimes compared to lead-acid batteries.



Higher efficiency

Lithium-ion technology is more energy-efficient and saves up to 16% energy when charging and discharging, helping to reduce carbon footprint.



Safer, easier maintenance

V-Force Lithium-Ion Compact Batteries are maintenance-free, eliminating the need for battery watering and no longer exposing your employees to harmful acid or vapour.



Compact battery design

The compact design of the battery architecture provides a robust and cost-efficient energy solution.



Crown-backed service

Your Crown service technician is trained to service your forklifts and the entire V-Force Lithium-Ion battery packs and chargers, providing a one-stop shop to keep your fleet moving.

The V-Force Lithium-Ion Compact Battery

Compatible with the following Crown lift trucks:

Pallet Trucks



WP Series
Powered Pallet Truck



WT Series
Powered Pallet Truck

Stackers



WF Series
Pedestrian Stacker



ST/SX Series
Pedestrian Stacker



ES/ESi Series
Pedestrian Stacker



ET/ETi Series
Platform Stacker



DS/DT Series
Double Stacker

Order Pickers



GPC Series
Low-level Order Picker



WAV Series
Work Assist Vehicle



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