

Switch to Lithium-Ion battery.

A Li-ion battery is the better and more efficient choice to keep your lifts reliably powered in the long run. They perform better, providing a consistent capacity and more power compared to Lead-acid batteries and are less sensitive to different factors like temperature, charging behaviour, etc.

- ✓ Longer Service Life
- ✓ Better Energy density
- ✓ Faster Charge Time
- ✓ Lighter + compact battery, easier to insert and extract
- ✓ More environmentally friendly than Lead-acid



Side by side Comparison

	Lithium-Ion battery	Lead-acid battery
Energy density	High (ca. 250 Wh/L)	Low (ca. 100 Wh/L)
Correct handling	Easy & robust	Full charge necessary, therefore high risk of damage due to incorrect use
Maintenance needs	Low	High
Lifecycle	Long (ca. 5000 full charges)	Low (500 - 800 full charges)
Temperature sensitivity	Low (deteriorates from 45°)	High (deteriorates from 25°)
Self-discharge	Low	High
Weight & space requirement	Low	High
Ecological damage	Lower	Higher

Subject to technical modifications, all data without guarantee. | 08-22 pa