

## SolarTech Power Solutions

# Lithium battery equipment



## Overview

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What is lithium-ion battery technology?

As the future of energy storage solution, Lithium-ion battery technology, provides sustainable changes in transforming our way to store and consuming energy. Lithium-ion batteries have been widely adopted in the production of electric vehicles.

What are lithium ion batteries used for?

Lithium-ion batteries have been widely adopted in the production of electric vehicles. In the material handling market, Li-Ion batteries became popular mainly with entry level pallet trucks due to the introduction of the EPT 12EZ from EP Equipment in 2016.

What is a lithium ion battery?

Lithium-ion is named for its active materials. There are several types of chemical components to build rechargeable lithium-ion batteries. The most two relevant materials to the forklift industry are Lithium Iron Phosphate (LFP) and Lithium Nickel Manganese Cobalt Oxide (NMC).

What is battery manufacturing equipment?

Battery manufacturing equipment refers to the machines and systems used for battery production, fabrication, assembly, and testing. This complex process may require the use of coating systems, bonding and sealing solutions, adhesive dispensers, slot dies, battery testing equipment and more.

Is lithium-ion battery technology the future of energy storage?

The alarming energy crisis and the shift in world climate is a clear indicator of the urgency of switching to cleaner energy sources at every level. As the future of energy storage solution, Lithium-ion battery technology, provides sustainable changes in transforming our way to store and consuming energy.

Why should you use lithium batteries in your warehouse?

Lithium batteries high effective capacity reduces downtime in warehouse duties. From an ecological point of view, it's non-toxic and harmless. Lithium batteries emits no gas so it is a much cleaner technology and is safer for the environment than lead-acid.

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