

Kalmar Electric Forklifts.

Which technology is right for you?



ECO-EFFICIENCY AT WORK 



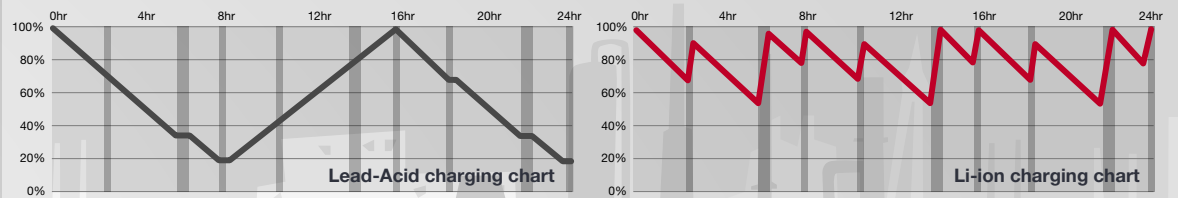
Lead Acid vs Li-ion.

Choosing the right solution.

Kalmar offers two types of battery technology to power its forklifts, Lead Acid and Li-ion. You will need to decide which is the right solution, here is some helpful information that may help you make that decision.

Comparing the two battery technologies:

Here is a chart that demonstrates the difference between the two battery types. The Lead-Acid battery is generally removed after a shift and then fully charged prior to being re-fitted onto the forklift, it can be charged directly in a safe location. The Li-ion battery can be continuously re-charged during operational downtime or statutory breaks.



Lead-Acid



Li-ion

What is the difference?

How to decide which forklift is right for the task.

Here are a few questions you can ask yourself to help find the right solution:

Operational questions:

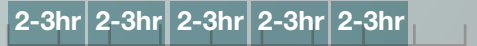
What is the operational cycle?



Are you operating more than one shift?



Charging time



Infrastructure questions:

Charging infrastructure in-place?

Required

Required

Potential power in the grid?

ECG50-90: 3-phase, 400 V; 25-63* A fuse
ECG90-180: 3-phase 400 V; 2x63 A fuse

ECG50-90: 3-phase, 400 V; 2x32 A fuse

Space for a charging room?

Required

Not required

Ability to switch batteries?

Yes

Not required

Additional questions:

Does the company want to build an eco-efficient profile?

If yes, suggest an electrically powered forklift.

Do they need to meet tough emissions standards?

If yes, suggest an electrically powered forklift.

Is there the possibility for internal or external funding?

Many companies and government authorities now have specially funding available for eco-efficient technology. See if there is any available to help fund your customers purchase.



Why an electric forklift?

- Zero emissions while in operation
- Lower maintenance costs of up to 50%
- Less noise and vibrations
- Easier and more comfortable to operate
- Better handling and fast acceleration
- Suitable for using with sensitive goods
- Suitable for working indoors
- Two year payback period*.

* Based on: ECG160-12 forklift with 2 sets of batteries and 2500 operating hours.

Kalmar Electric Forklifts, helping to build a safe eco-efficient future for our customers.



www.kalmarglobal.com

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