

**Logisnext**

# ENERGY SOLUTIONS



# Powering the Future of Material Handling:

**Choosing the right energy source is essential to keeping your material handling fleets moving.**

The future of material handling runs on smarter energy. Logisnext Energy Solutions delivers advanced power technologies, including batteries, chargers, and expert support to help you streamline operations and power what's next.

With a full range of battery and energy options, we pair our industry-leading forklifts with efficient, cost-effective solutions tailored to your operation. Whether you're just starting to explore energy optimization or ready to take the next big step, we're here to support your next move.



Energy Solutions' consultants come onsite to conduct a free energy assessment, delivering real-time insights to help you make smarter decisions for both electric and internal combustion fleets. You'll receive a customized report with recommendations on energy type, capacity, charger specifications, cable management, and charger placement based on your actual usage data.



## Choosing The Right Energy Solution For Your Business

### Get personalized recommendations to power your operation more efficiently.

Our experts will assess your fleet, identify savings opportunities, and help you plan for future energy needs.

Expect:

- A free consultation (virtual or onsite)
- A custom power and ROI analysis
- Practical next steps to electrify your fleet

**Every kilowatt hour (kWh) used efficiently drives  
productivity and profitability.**

### How do I get started?

Contact your Logisnext Energy Solutions Consultant and ask for a free Energy Consultation at:  
[EnergySolutions@LogisnextAmericas.com](mailto:EnergySolutions@LogisnextAmericas.com)

One of our expert Energy Consultants will reach out and walk you through the customized process: analyzing your fleet, facility, and workflow. The consultant will recommend the optimal mix of batteries, chargers, and maintenance programs and will partner with your forklift sales representative to deliver a complete solution.

The Energy Consultant will provide comprehensive choices on how to move forward.

With the Consultant's expertise and Logisnext's commitment to dependability, we will help you manage your power, work cleaner, and operate with confidence every day.



## Batteries

### Lithium-ion

Lithium-ion technology delivers unmatched efficiency, rapid charging, and extended runtime—all with minimal upkeep. Designed for high-demand operations, these batteries keep your fleet moving longer, faster, and smarter—while lowering your total cost of ownership.

Lithium-ion often comes with a higher initial cost, but the efficiency and longevity makes them a more economical choice over time. In fact, you can often substitute smaller capacity lithium-ion batteries for your lead acid batteries and get a similar output. Lithium-ion allows faster charging, longer runtimes, and smarter energy management.

- Low maintenance
- Fast charging
- Multi-shift
- (Typically) long lifespan
- Consistent power output
- Energy efficiency and sustainability

### Lead Acid

Lead-acid batteries offer a proven solution for consistent fleet performance. Easy to maintain and well-suited for both single and multi-shift operations, they're a versatile choice across a wide range of applications.

While lead-acid remains widely used due to its dependability, familiarity, and lower upfront cost, they can have long charging and cooling times and a shorter life span compared to lithium-ion.

- Proven and Reliable
- Lower upfront cost
- Easily recyclable
- Multi-shift (with proper support)

## Chargers

### Lithium-ion Chargers

Designed specifically to charge lithium-ion batteries, these are intelligent chargers that are generally paired with a specific battery to maximize the communication and speed of charging. Fast and opportunity charging is the norm with lithium-ion chargers, helping equipment get back to work faster while keeping the battery healthy.

- Fast and opportunity charging
- Many are multi-voltage
- Some can also charge lead acid
- Low maintenance
- Reliable

### Lead Acid Chargers

Lead acid chargers are devices that recharge your lead acid batteries, bringing them back to full charge, helping your batteries last longer and perform well.

- Proven quality
- Reliable
- Easy to use
- Lower cost

JUNGHEINRICH





**For business owners who have lithium-ion batteries and chargers, Active Load Management (ALM) is the next step toward optimizing your energy use while lowering your operating costs.**

ALM is a smart energy control system that automatically monitors and balances electrical power use across your facility. Instead of allowing your forklift chargers to draw maximum power at the same time, ALM schedules or limits their electricity use in real-time to prevent energy spikes (and the high utility costs that can come along with them). If you have other machinery that is connected to a Building Management System (like HVAC and lighting), ALM can manage those, too, giving you comprehensive energy management.

ALM is like a “traffic controller” for your electricity, determining which devices get a turn drawing energy in a way that keeps your demand smooth and efficient.

## Benefits

### Reduced energy cost

If your facility has demand charges, avoiding times where large amounts of electricity are used (peaks) can reduce the amount you are charged on your electricity bill while still leaving you in control of which devices are business critical.

### Lower charging infrastructure costs

While forklift fleets may need to charge simultaneously, ALM can intelligently prioritize or stagger charging to avoid upgrading or overloading circuits.

### Better sustainability

ALM can help you use power only when you need it. Whether you choose to optimize just your charging infrastructure or your whole facility, you’ll be improving your energy efficiency and reducing your carbon footprint.

### Future-proofing

ALM can help you add to your fleet by integrating new trucks into your already existing infrastructure, ensuring that you don’t overspend on chargers you may not need.

### Contact your Energy Consultant

Start your conversation at  
[EnergySolutions@LogisnextAmericas.com](mailto:EnergySolutions@LogisnextAmericas.com)

# Product Guide



## Power You Can Count On

Li-Ion and Lead Acid Options

We're committed to delivering reliable, application-ready energy solutions that help streamline your operations, reduce downtime, and keep your business moving forward. From everyday performance to long-term efficiency, our solutions are built to support your operation today and adapt as your needs evolve.



# Logisnext