

maxwell⁺spark

IN PARTNERSHIP WITH

MOTIVE
ENERGY SYSTEMS

motive.li

BUILT FOR DEMANDING INDUSTRIAL OPERATIONS



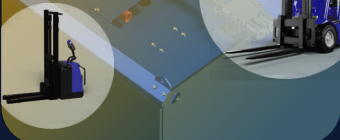
When operations demand reliability,
power systems matter.

Designed for tough industrial environments.

— from **sawmills** and **lumber yards** to **cold storage** and **heavy outdoor operations** —
motive.li batteries are engineered to support:



**HEAVY-DUTY
FORKLIFT
APPLICATIONS**



**CONTINUOUS
MULTI-SHIFT
OPERATIONS**



**SHOCK AND
VIBRATION**



**TEMPERATURE-
VARIABLE
ENVIRONMENTS**

Built for **extreme temperatures**
-22°F to 122°F, making them
ideal for cold storage, outdoor
yards, and demanding industrial
environments.



LI-ION⁺ TECH FOR GREEN LOGISTICS



Using **lithium-iron-phosphate (LFP)** chemistry and **advanced battery management**, motive.li delivers **reliable power** with **significantly reduced maintenance** compared with lead-acid systems.

Seamless replacement for lead-acid.



No Gas Emissions



No Battery Swapping



No Watering or Acid Handling



Significantly Reduced Maintenance



Safety engineered into every battery.

motive.li batteries include multi-layer digital safety architecture, with: **cell-level monitoring** and balancing thermal and electrical protection **triple-layer over-charge and over-discharge protection**. Systems are designed to meet key industrial safety standards including **UL2580** and **IEC62619**.



Built-in intelligence and fleet visibility.

Integrated telemetry provides real-time insight into:

-  battery health
-  charging behaviour
-  fleet utilisation

Helping operators reduce downtime and optimise fleet performance.



Maximum uptime through intelligent charging.

Rapid opportunity charging allows forklifts to recharge during breaks and shift changes.

Typical full charge times:

CoreGen3

⚡ ~1 hour

One charger can be used across all battery voltages, simplifying charging infrastructure and enabling continuous operation with a single battery per vehicle.

Lower total cost of ownership.

Compared with lead-acid batteries, motive.li offers:

- + longer service life
- + reduced electricity consumption
- + lower maintenance requirements
- + improved operational uptime

LIFETIME COST PER SHIFT

-  Lead Acid Cost %
-  Warrantied Life Savings %
-  Projected Life Savings %



Optimised for high-throughput operations, offering excellent **cost per cycle** and a **6-year warranty**.



Specifications

Specifications	Standard Range	Heated Range
Cycle life	6000	
Voltage range (V)	24V - 96V	
Capacity range	280 Ah - 1256 Ah	
Continuous Charge and Discharge Rate	1C / 400A	
Temperature Control (Cooling)	Passive	
Temperature Control (Heating)	None	Active
Ambient Operating temperature range	-5°C to 50°C	-30°C to 50°C

See what's happening.
Act before it costs you.



Cool tech. **Cooler world.**

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