STRYTEN ENERGY

M-SERIES

Li610

Stryten Energy's new M-Series Li610 lithium-ion batteries will change the way you think about powering your material handling fleet. With proven lithium iron phosphate (LFP) technology, your fleet will experience faster charging, greater efficiency and increased cycle life, all in a maintenance-free package. Available for Class I motive power applications, the M-Series Li610 provides all the power you need to get the job done.



Li
LITHIUM-ION TECHNOLOGY

MAINTENANCE FREE

●●●●+
SEVERE DUTY

THE ENERGY TO CHALLENGE

FEATURES & BENEFITS

- Made in the USA with some foreign components.
- Ideal for 24x7 operations with limited charging opportunities.
- Lithium iron phosphate (LFP) chemistry provides longer cycle life and is one of the safest lithium technologies.
- Designed to meet Ingress Protection (IP) Level IP65 - (Dust tight and watertight against light pressure water spray).
- Charging rate up to 0.7C.
- An automated hibernation/sleep mode after a period of inactivity prevents unintended battery discharge.
- A display that shows State of Charge (SOC), battery temperature, voltage and current.
- Li610 batteries are fully compatible with the Stryten Energy M-Series X-3 and X-7 chargers.
- On-site service and support provided by Stryten Energy service team.
- The M-Series Li610 products are designed to meet UL2580, and UL certification is in process.
- Fault tolerance* - This gives the system the ability to continue operating even when an energy component malfunctions.

*Coming Soon

Li610 BATTERY SPECIFICATIONS

BATTERY VOLTAGE	48V
BATTERY CAPACITY	60Ah - 900 Ah
BATTERY DIMENSIONS	VARIABLE
BALLAST WEIGHT	VARIABLE TO ACCOMMODATE RETROFITS AND NEW APPLICATIONS

WHY LITHIUM IRON PHOSPHATE (LFP) FOR MATERIAL HANDLING?

High value at a lower cost.

- LFP technology uses abundant chemical components with a proven supply chain, improving on-demand availability and decreasing costs.
- The LFP components are ethically sourced.
- LFP has a longer calendar life and a longer cycle life than other lithium batteries.

CHARGER MATCHUP

The Li610 batteries pair with Stryten Energy's M-Series X-3 and X-7 chargers.

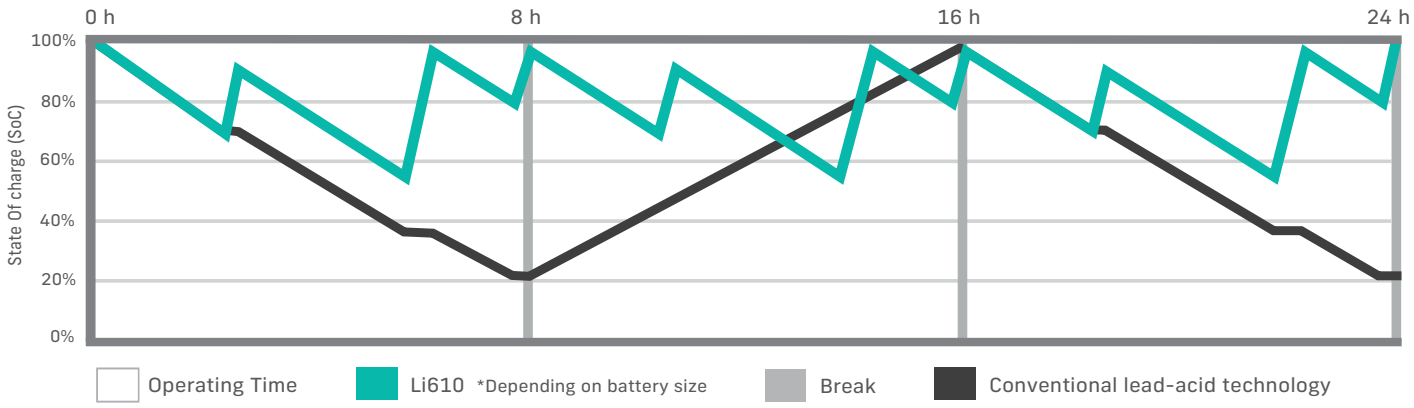
- Opportunity and fast charging (user programmable) in extended temperature industrial environments with auto finish and equalization.
- Modular design allows the charger to grow with your fleet. If more power is needed, more modules can be added.
- Intelligent charging technology analyzes battery historical performance and charge data to provide a rapid and efficient recharge while maximizing battery life.



Li610 DATA

Stryten Energy Li610 batteries were designed to meet your demands. With a clear focus on enhancing your fleet's runtime and optimizing total cost of ownership, they keep your business up and running.

VOLTAGE	NOMINAL VOLTAGE	CAPACITY [AH]	KWH	MAX CHARGE RATE
48	51.2	60	3.1	30
		120	6.1	60
		180	9.2	90
		240	12.3	120
		300	15.4	150
		360	18.4	180
		420	21.5	210
		480	24.6	240
		540	27.6	270
		600	30.7	300
		660	33.8	330
		720	36.9	360
		780	39.9	260
		840	43.0	260
		900	46.1	260



M-SERIES | Li610 | LITHIUM-ION MOTIVE POWER BATTERIES

The Energy to Challenge

Stryten Energy helps solve the world's most pressing energy challenges with a broad range of energy storage solutions and components across the Essential Power, Motive Power, Transportation, Military and Government sectors. Headquartered in Alpharetta, Georgia, we partner with some of the world's most recognized companies to meet the growing demand for reliable and sustainable energy storage capacity. Stryten powers everything from submarines to subcompacts, microgrids, warehouses, distribution centers, cars, trains and trucks. Our stored energy technologies include advanced lead, lithium and vanadium redox flow batteries, intelligent chargers and energy performance management software that keep people on the move and supply chains running.

Learn more at ***www.stryten.com***

STRYTEN ENERGY

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