



STRYTEN ENERGY

M-SERIES

Li510 >>>

Stryten Energy Li510 lithium-ion batteries will change the way you think about performance. They deliver faster charging, lower maintenance and increased cycle life – that means lower operational costs for your business versus traditional power sources, with all the power you need to get the job done. Our specialized BMS (Battery Management System) allows you to monitor the status and health of each battery with ease.



LITHIUM-ION
TECHNOLOGY



MAINTENANCE
FREE



SEVERE
DUTY

THE ENERGY TO CHALLENGE

RECHARGE IN A MATTER OF MINUTES, NOT HOURS

Even the hardest workers need a break. But with the Li510, it will be charged and back on the floor in the time it takes to finish a cup of coffee. And by charging up to eight times faster than traditional lead batteries, a single battery can work around the clock. No need to shuffle cumbersome batteries in and out of the lift. Simply pull up to the charger, plug in and you'll be ready to get back to the job in as little as 15 minutes.*

TURN THREE SHIFTS INTO ONE

It's tough to work 24/7 when you're faced with rotating batteries, moving to and from charging stations and waiting for conventional batteries to cool. One Li510 can do the work of three standard batteries. Using a single battery for each lift truck means you can streamline operations, reduce

downtime and lower your total cost of ownership. And switching your entire fleet to lithium technology means dedicated space for battery swapping can become a thing of the past.

WORK SMARTER, EVERY STEP OF THE WAY

Not sure how to choose what's right for your needs? Stryten Energy inCOMMAND models all battery options to find the best fit for your fleet. inCOMMAND is comprised of four software modules with data shared across them.

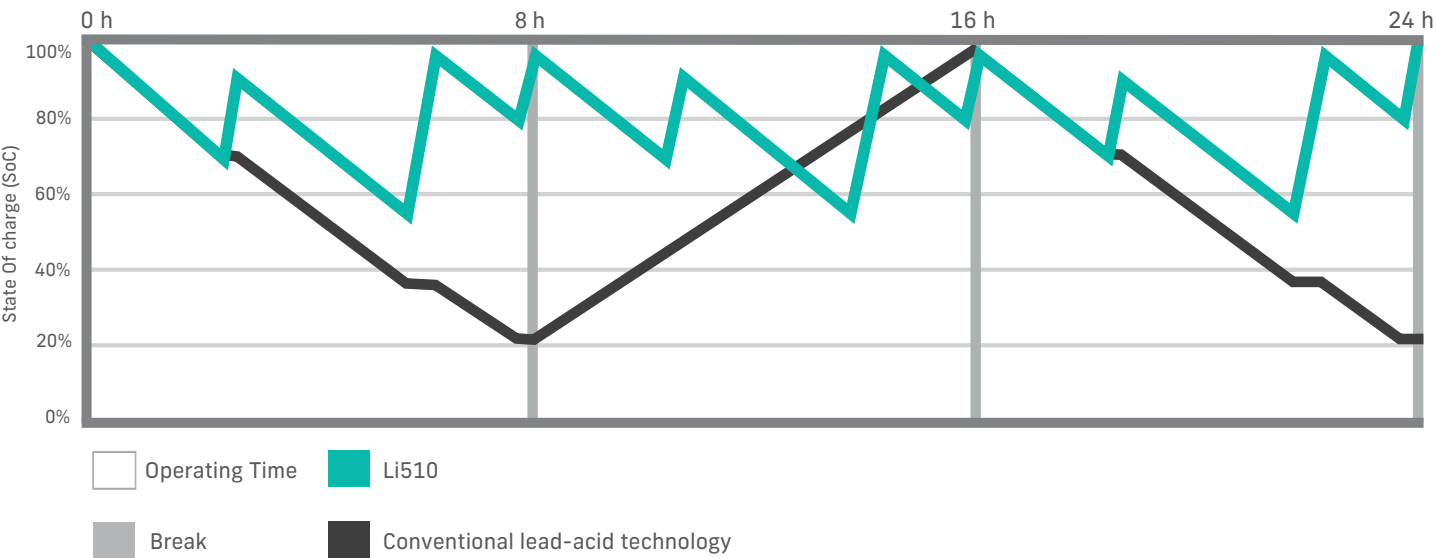
Measure automates fleet power studies, critical for determining the baseline energy data needed to design forklift power systems.

Model leverages this data, showing you all power system options - from lead to lithium, from conventional to fast charging. With our advanced models, "what if" scenarios for growth can be simulated to demonstrate impact on operational and financial performance and to ensure the "best fit" for you.

Monitor connects these solutions to the cloud and delivers customized performance indicators (KPIs) in real time to maximize system performance.

Li510 BATTERY SPECIFICATIONS

BATTERY VOLTAGE	24V - 80V
BATTERY CAPACITY	80Ah - 1254Ah
BATTERY DIMENSIONS	VARIABLE
BALLAST WEIGHT	VARIABLE TO ACCOMMODATE RETROFITS AND NEW APPLICATIONS



Li510 DATA

Stryten Energy Li510 batteries were designed to match 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. With one fully charged Li510 Material Handling Battery, you can enjoy up to 33% more pallet movements compared to other available systems.

TRADITIONAL VOLTAGE	NOMINAL VOLTAGE	CAPACITY [AH]	ENERGY CONTENT [KWH]	CONSTANT DISCHARGE CURRENT [A]*	RECOMMENDED STRYTEN ENERGY CHARGER CURRENT [A]	MAXIMUM** STRYTEN ENERGY CHARGER CURRENT [A]
24	25.7	63	1.6	40	30	40
		125	3.2	90	60	90
		188	4.8	130	90	130
		251	6.5	170	120	170
		314	8.1	220	150	220
		376	9.7	260	180	260
		439	11.3	300	220	300
		502	12.9	350	250	350
		564	14.5	400	280	400
		627	16.1	440	310	400
36	36.7	63	2.3	40	30	40
		125	4.6	90	60	90
		188	6.9	130	90	130
		251	9.2	170	120	170
		314	11.5	220	150	220
		376	13.8	250	180	260
		439	16.1	300	220	300
		502	18.4	350	250	350
		564	20.7	400	280	400
		627	23.0	440	310	400
		690	25.3	480	350	400
		752	27.6	520	370	400
		815	29.9	570	400	400
		878	32.2	610	400	400
		940	34.5	650	400	400
48	51.4	1003	36.8	700	400	400
		63	3.1	40	30	40
		125	6.4	90	60	90
		188	9.7	130	90	130
		251	12.9	170	120	170
		314	16.1	220	150	220
		376	19.3	260	180	260
		439	22.6	300	220	300
		502	25.8	350	250	350
		564	29.0	400	280	400
80	77.1	627	32.2	440	310	400
		690	35.5	480	350	400
		752	38.7	520	370	400
		63	4.9	40	30	40
		125	9.6	90	60	90
		188	14.5	130	90	130
		251	19.4	170	120	170
		314	24.2	220	150	220
		376	29.0	260	180	260
		439	33.8	300	220	300
		502	38.7	350	250	350
		564	43.5	400	280	400
		627	48.3	440	310	400
		690	53.2	480	350	400
		752	58.0	520	370	400
		815	62.8	570	400	400
		878	67.7	610	400	400
		941	72.6	630	400	400
		1003	77.3	630	400	400
		1066	82.2	710	400	400
		1129	87.0	710	400	400
		1191	91.8	710	400	400
		1254	96.7	710	400	400



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

