GREEN CUBES
THE POWER TO PERFORM

Maximize ROI with Lithium SAFE*Flex*

Lithium SAFE*Flex* provides enterprise customers with immediate capital and operational savings when compared with lead acid batteries. This Return on Investment (ROI) with Lithium SAFE*Flex* can be achieved in less than a one-year period, and this has been repeatedly verified with our Fortune 1,000 enterprise customers. Listed below are the productivity and capital gains that our customers have achieved with our products.

With multiple formats and configurable voltage options, Lithium SAFE*Flex* is a drop-in replacement for lead acid batteries and can be retrofitted into existing vehicles and charging infrastructures without expensive investments in your facilities. As a result, enterprises can immediately enjoy the operational and capital efficiencies upon installation of Lithium SAFE*Flex*.

Comparison of Lithium SAFE*Flex* vs. Lead Acid Batteries

Product Capability	Lithium SAFE*Flex* Batteries	Lead Acid Batteries
Price	2X	1X
Watering Requirements	Not Required	Weekly
Equalizing Requirements	Not Required	Weekly
Depth of Discharge (DOD)	100%	80%
Cycle Life per Warranty	3000	1000 Typical
Battery Changes	Not Required	Yes
Battery Handling Room	Not Required	Yes
Ventilation Requirements	Not Required	Yes
Safety Equipment Requirements	Not Required	Yes
Warranty (years)	5 Years Full Warranty	Typical 3 Year Full Warranty, then 2 Years Prorated
Charge Time	1 Hour	• 2-4 Hours with fast charge • 4-6 Hours with opportunity • 8-10 with conventional

Listed below are the operational and capital efficiencies achieved by our enterprise customers.

- Increase in productivity by 30% minimum - Eliminate battery changes with faster charge times (from 100% DOD to fully charged in 1 hour)
- Lower cost of operation by 30% - Eliminate labor and time for battery changes, as well as the burden of battery watering (lead acid batteries require watering every 2 weeks per battery).
- Lower electrical utility cost for charging - Lithium battery charging is 95% efficient vs. 80% efficiency with lead acid batteries. Lithium batteries do not need an 8 to 10 hour equalization charge once a week.
- Improved safety conditions for associates - Eliminate battery changes and contact with battery electrolyte due to sealed “maintenance free” batteries
- Improved environmental conditions - Eliminate lead acid batteries from your facility. Eliminate lead from your environmental footprint.
- Improved asset utilization - 100% Utilization with lithium batteries (one battery per truck) vs. up to 3 lead acid batteries per truck (33% asset utilization with 1 battery in the truck and 2 in storage).
- Capital cost avoidance - Eliminate battery handling rooms, ventilation accommodations, eye wash stations, and safety gear.
- Returned floor space – Eliminate battery rooms and re-allocate this area to become a staging area, additional pallet rack, break room, or maintenance shop. At a nominal $100.00 per square foot, these savings could be significant.

Understand Your ROI Potential Before Evaluations

Enterprises can achieve an increase in performance and a reduction in maintenance costs by switching from lead acid to our Lithium SAFE*Flex* batteries.

Green Cubes offers a free online Return on Investment (ROI) and Total Cost of Ownership (TCO) assessment that will be based on your specific fleet and facilities. The result of this assessment is we will identify areas of your operation where Lithium SAFE*Flex* batteries can make the most impact, as well as demonstrate the rate of return you can expect based on how you use your fleet.

You can enter your fleet information into our online ROI/TCO assessment to provide recommendations on upgrading your fleet to use Lithium SAFE*Flex* batteries. Our analysis is based on basic facility information like the number of vehicles, number of shifts, charging information, labor costs, and other factors.

Once our ROI/TCO assessment demonstrates the returns, and you confirm these returns meet your internal thresholds for adopting new battery technology, Green Cubes will provide a risk-free trial of a battery/charger system, along with battery fleet monitoring software, so you can validate that the intended savings have been realized.

Listed below is an example of the data we collect for the ROI/TCO assessment.

Main Capital Costs	Diesel	Propane	Electric (VRLA)	Electric (Li-Ion)
Estimated lift life (years)	5	8	10	10
Price per lift	$25,000.00	$25,000.00	$25,000.00	$25,000.00
Infrastructure Cost	$18,000.00	$18,000.00	$4,000.00	$2,000.00
Cost for individual battery			$4,000.00	$12,240.00
No. of batteries per truck			2	1
Estimated battery life (years)			4	8
Individual charger cost			$3,000.00	$4,000.00
Installation			$1,000.00	$1,000.00
TOTAL MAIN CAPITAL COST	$643,000.00	$643,000.00	$833,000.00	$938,000.00

Annual Maintnenance Cost	Diesel	Propane	Electric (VRLA)	Electric (Li-Ion)
No. of operations days per week	6	6	6	6
Labor charge per hour	$25.00	$25.00	$25.00	$25.00
No. of hours spent on maintenance/battery swapping/fueling per day	0.5	0.5	0.3	0
TOTAL MAINTENANCE COST	$97,500.00	$97,500.00	$58,500.00	$0

As an example, the assessment of an 80 truck evaluation over a five-year period resulted in a $4.2M operational expense reduction.

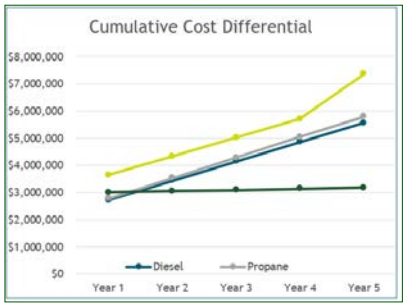
Number of Lift Trucks	80
State	Florida

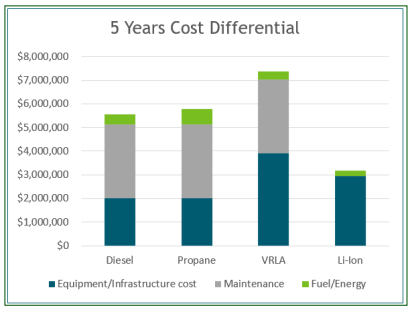
Main capital Costs	Diesel	Propane	Electric (FLA)	Electric (Li-Ion)
Estimated lift life (years)	5	8	10	10
Price per lift	$25,000	$25,000	$25,000	$25,000
infrastructure cost (Diesel Tank/Battery Storage /LGP tank/ wattering system)	$20,000	$18,000	$4,000	$2,000
Cost for Individual Battery			$4,000	$12,000
Number of batteries per truck			3	1
Estimated Battery life (years)			4	10
Individual Charger Cost			$4,000	$12,000
Installation			$1,000	$1,000
TOTAL MAIN CAPITAL COSTS	**$2,020,000**	**$2,018,000**	**$2,969,000**	**$2,975,000**

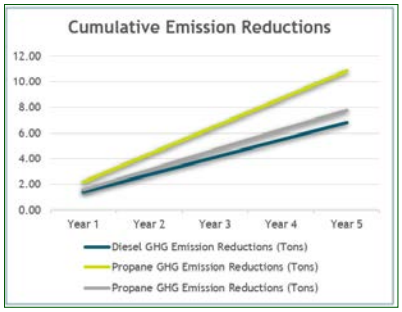
Annual Maintainance Costs	Diesel	Propane	Electric (FLA)	Electric (Li-Ion)
No of operation days per week	6	6	6	6
Labour charge per hour	$25	$25	$25	$25
No. of hours spent on maintainance/battery swaping/fueling per day	1.00	1.00	1.00	0.00
TOTAL MAINTENANCE COST	**$624,000**	**$624,000**	**$624,000**	**$0**

Annual Fuel/Electricity Costs	Diesel	Propane	Electric (FLA)	Electric (Li-Ion)
Fuel Cost/Gallon and Electricity cost/KWh	$2.49	$1.87	$0.08	$0.08
Lift truck capacity (KWh)	20.40	20.40	20.40	20.40
No of cycles per day	1.00	1.00	1.00	1.00
Battery / IC Engine Efficiency	37%	27%	80%	98%
Charger efficiency			80%	95%
TOTAL FUEL/Electricity COST	**$85,105**	**$131,745**	**$63,648**	**$43,754**
Cumulative Total over 5 Year Period	**$5,565,525**	**$5,796,725**	**$7,362,240**	**$3,180,769**
Cumulative Saving Total over 5 Year Period	**$2,384,756**	**$2,615,956**	**$4,181,471**	

Emission Reductions	Diesel	Propane	FLA
Total CO2 Emissions (Ton/year)	1.36	2.17	1.56
Total CO2 Emissions (5 years)	**6.81**	**10.85**	**7.78**







In summary, Lithium SAFE*Flex* provides enterprise customers with immediate capital and operational savings when compared with lead acid batteries. This ROI with Lithium SAFE*Flex* can be achieved in less than a one-year period, and this has been repeatedly verified with our base of enterprise customers.

ABOUT GREEN CUBES TECHNOLOGY

Harnessing our 35 years of industry experience, Green Cubes Technology is committed to designing, manufacturing, and implementing Lithium-ion platforms that give you The Power to Perform. Our battery packs are sustainable, maintenance-free, environmentally friendly, and superior performing.

For more information, email **info@greencubestech.com** or visit **greencubestech.com.**

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