STRYTEN ENERGY

M-SERIES

SLS

Stryten Energy SLS Low Maintenance Locomotive Starting Batteries utilize proven Absolyte VRLA technology to create the industry's first low-maintenance railway diesel starting battery. These batteries are non-spillable, eliminating damage to equipment, greatly reducing environmental concerns and increasing personnel safety.



LOW MAINTENANCE

AGM TECHNOLOGY

VIBRATION RESISTANCE

THE ENERGY TO CHALLENGE

STRYTEN ENERGY

M-SERIES | SLS | VRLA LOCOMOTIVE BATTERIES

FEATURES AND BENEFITS

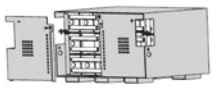
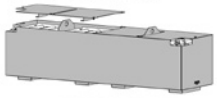
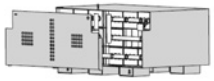
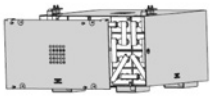
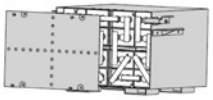
Reduces Improper Maintenance
- No Cell Watering
- No Specific Gravity Checks
- No Acid Equalization

Utilizes Absolyte Technology
- Large Cranking Capacity for Multiple Daily Starts
- Ample Reserved Capacity to Keep Ancillary Equipment Powered
- More Power Than Conventional Flooded Styles Over a Wide Temperature Range

Improves Safety
- No Acid Spills
- Virtually No Gassing

Fully Recyclable to Global Standards

M-SERIES SLS PRODUCT FAMILY

Application		Product
High HP Locomotives		SLS 710
SLS 550 Medium to High HP Locomotive with Limited Battery Box Space		SLS 550
High HP Locomotives with Limited Battery Box Space		SLS 520
Medium to Small HP or Air Start Locomotives with Top Cable Access		SLS 500E
Medium to Small HP or Air Start Locomotives with Side Cable Access		SLS 500

PERFORMANCE SPECIFICATIONS

UNIT TYPE	CELLS PER UNIT	PLATES PER CELL	OPERATING TEMPERATURE	AMPHR CAPACITIES 1.310 SPECIFIC GRAVITY TO 1.70 VPC AVG.	DISCHARGE RATES 1.310 SPECIFIC GRAVITY TO 1.00 VPC AVG.	
				8 HOUR RATE	1 MIN. RATE	5 SEC. RATE
SLS 710	16	19	77°F 32°F	710 550	3200 2300	3800 2800
SLS 550	16	23	77°F 32°F	550 425	2250 1750	2700 2100
SLS 520	16	13	77°F 32°F	520 400	2140 1690	2555 2000
SLS 500	16	11	77°F 32°F	500 386	1760 1445	2220 1835
SLS 500E	16	11	77°F 32°F	500 386	1760 1445	2220 1835

UNIT TYPE	TRAY WEIGHT	BATTERY WEIGHT	L		W		H		WEIGHT	
			in	mm	in	mm	in	mm	lb	kg
SLS 710	426 lbs	1890 lbs	40.87	1038	24.59	625	20.85	530	1890	857
SLS 550	320 lbs	1620 lbs	79.00	2007	14.00	356	19.02	483	1620	735
SLS 520	300 lbs	1460 lbs	40.75	1035	24.47	622	18.18	462	1460	662
SLS 500	220 lbs	1351 lbs	33.65	855	26.87	682	20.00	508	1351	613
SLS 500E	209 lbs	1339 lbs	32.00	813	27.00	686	21.50	546	1339	607

KEY FEATURES

- Cell Container and Cover: Polypropylene
- Positive Plate: Lead-Calcium-Tin Grid Alloy
- Negative Plate: Lead-Calcium Grid Alloy
- Tray: Steel Tray with Removable Front Access
- Separators: Spun Glass, Microporous Matrix
- Safety Vent: 3-10 PSI Opening Pressure, Self-resealing
- Terminals: Solid Copper Insert

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***

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