STRYTEN ENERGY

M-SERIES

KDZ 2701 »» KDZ 3001

Stryten Energy KDZ 2701 and 3001 are compact and dependable locomotive starting batteries with a four-cell monobloc tray and high-impact polyethylene container. These batteries feature proven reliability and performance, quick engine cranking, high breakaway current, long service life and heavy duty construction throughout. KDZ 2701 offers large reservoir of electrolyte. KDZ 3001 offers higher capacity per cube.

MODULAR DESIGN

QUICK CRANKING

LONG SERVICE LIFE

THE ENERGY TO CHALLENGE

STRYTEN ENERGY

M-SERIES | KDZ 2701 »» KDZ 3001 | RAILWAY DIESEL

FEATURES

4-Cell Monobloc Container
- Polyethylene Container and Cover

Individual Cell
- Heat Sealed Eco-Friendly Reprocessed Polypropylene Jar and Cover
- EPDM Rubber Grommet Post Seal

Specific Gravity (nominal) Fully Charged
- 1.250 at 77° F (25° C)

Separators
- Microporous Polyethylene Material

Electrolyte Reserve (nominal)
- 2.15" Above Plates

Inter-Tray Connectors
- Insulated Flexible Cable, Bolted

Positive Plates
- Low Antimony (3.2%) Alloyed Lead Grids

Negative Plates
- Low Antimony (3.2%) Alloyed Lead Grids

Plate Retainers
- Vertically Wrapped Glass Mat
- Folded Perforated Sleeve

PLATE DIMENSIONS

PLATE	HEIGHT		WIDTH		THICKNESS	
	inches	mm	inches	mm	inches	mm
Positive	11.02	280	5.80	147	0.215	5.5
Negative	11.02	280	5.80	147	0.150	3.8

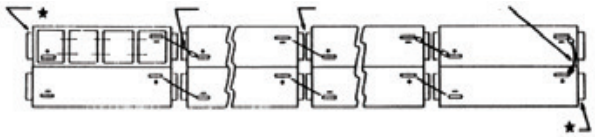
SPECIFICATIONS

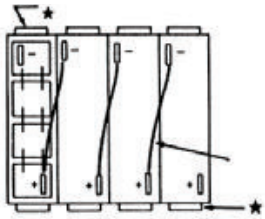
UNIT TYPE	CELLS PER UNIT	PLATES PER CELL	AMP. HOUR CAPACITIES, 1.250 SPECIFIC GRAVITY AT 77° F TO 1.75 VPC AVERAGE	UNIT DIMENSIONS						APPROX. NET WEIGHT PER UNIT	
			8 HOUR RATE	LENGTH		WIDTH		HEIGHT			
				inches	mm	inches	mm	inches	mm	lbs.	kg.
KDZ-2701	4	19	450	28.5	724	8.2	208	18.5	470	296	135
KDZ-3001	4	25	600	28.5	724	11.2	284	18.5	470	400	182

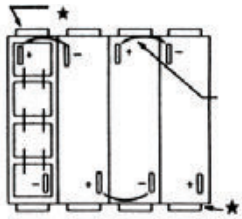
Discharge Data to 1.0 Volts per Cell			
KDZ-2701		KDZ-3001	
1 minute: 2100 A	5 seconds: 2700 A	1 minute: 2600 A	5 seconds: 3000 A

CONNECTING DIAGRAMS FOR KDZ-2701 AND KDZ-3001 BATTERIES

Side-to-Side Terminal Arrangement







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***

©2023 Stryten Energy Alpharetta, GA 30005 SE1050 02/23