

Li-SO₂ primary battery system

BA 5600 A/U

Assembled from 3 LO 26 SX cells connected in series.

Key features

- A non-replaceable fuse is incorporated in the negative leg.
- A normally closed thermal fuse (TCO) is incorporated in the battery. It is non-replaceable and non-resettable.
- A diode is incorporated to prevent charging or flow of current into the battery.
- A device consisting of a manually activated switch and resistor designed to discharge the battery to 0 V is built into the battery.
- Made in the USA

Typical applications

- AN/PSC-2 Communications Terminal



Electrical Characteristics

Typical OCV (V)	9.0
Nominal voltage (at 500mA) (V)	8.1
Cut-off (V)	4.0
Typical Capacity +21 °C / + 70 °F (at 250 mA discharge current)	7.5
Operating temperature	-40° C to 71° C -40° F to 160° F
Storage	Recommended max Possible
	+35°C/ +95°F -40° C to 71° C / -40° F to 160° F

Physical Characteristics

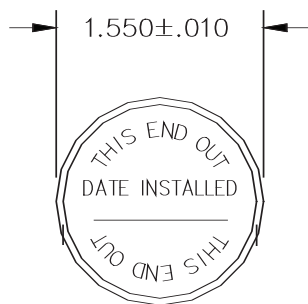
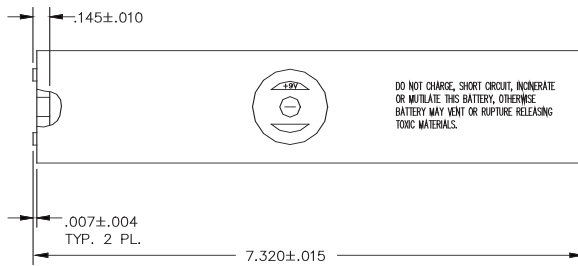
Typical Weight (g/oz)	360 / 12.7
Weight of Li metal content (g/oz)	7.2 / 0.25
Max. Width (mm/ in)	39 / 1.56
Max. Height (mm/ in)	186 / 7.34
Max. Depth (mm/ in)	
Battery Case	Plastic

References

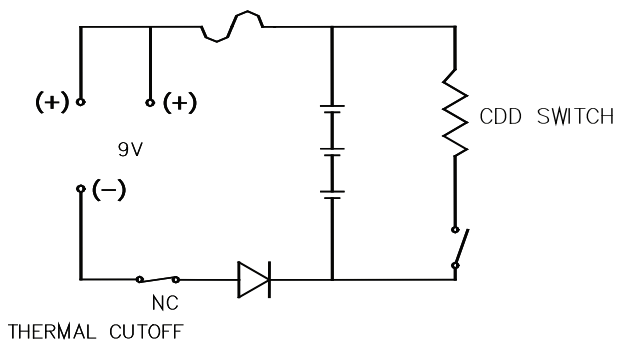
Reference specifications	MIL PRF 49471B (OR) or Saft Standard Specifications
NSN Reference	6135-01-168-2944

BA 5600 A/U dimensions

*All measurements in inches



Electrical schematic



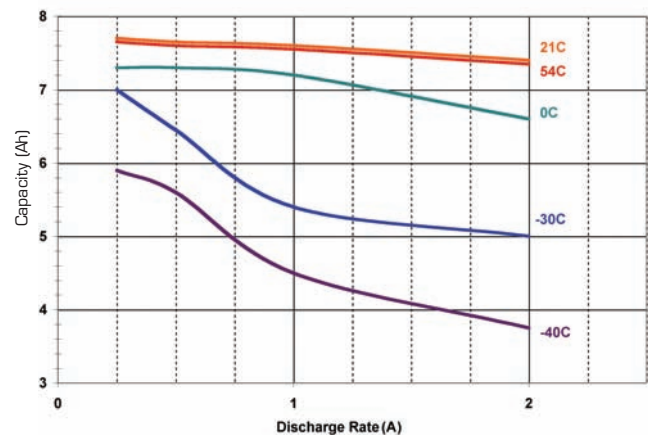
Soft Specialty Battery Group

12, rue Sadi Carnot
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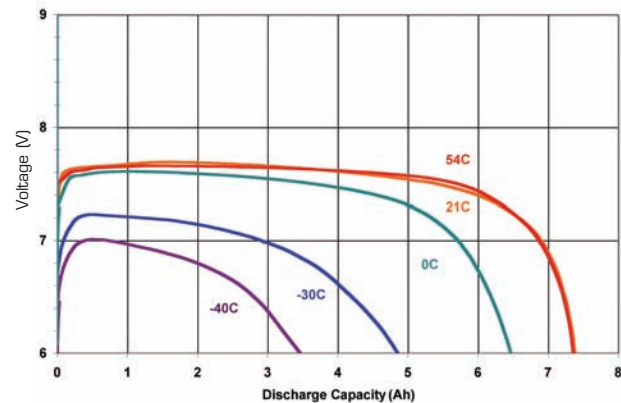
313 Crescent Street
Valdese NC 28690 - USA
Tel: +1 (828) 874 4111
Fax: +1 (828) 874 2431

www.saftbatteries.com

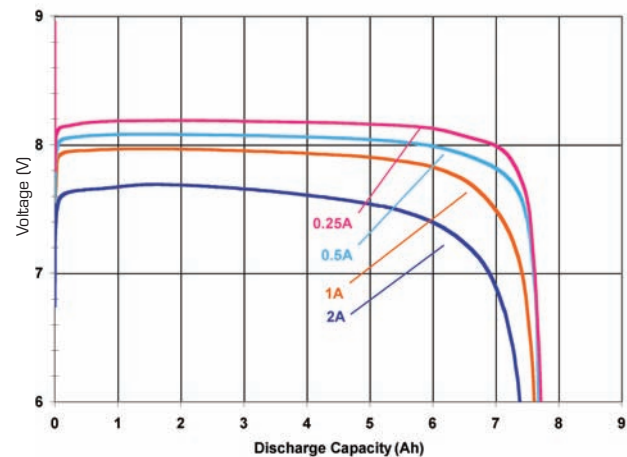
Capacity vs rate at various temperatures



2 A discharge typical curves at various temperatures



Typical discharge curves at various rates at +21°C/+70°F



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