Li-SO₂ primary battery system BA 5800 A/U

Assembled from 2 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-resetable.
- 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 O V is built into the battery.
- Made in the USA

Typical applications

- AN/PSN-11 GPS
- AN/PSN-10 (V) GPS
- Chemical Agent Monitor

Electrical Characteristics

Typical OCV (V)		6.0
Nominal voltage (at 500mA) (V)		5.3
Cut-off (V)		4.0
Typical Capacity (Ah) +21 °C / + 70 °F		7.5
(at 250 mA	discharge current)	
Operating temperature		-40° C to 71° C
		-40° F to 160° F
Storage	Recommended max	+35°C/ +95°F
	Possible	-40° C to 71° C / -40° F to 160° F

Physical Characteristics

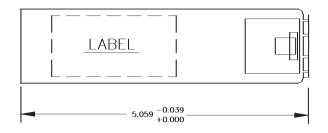
Typical Weight (g/oz)	220 / 7.76
Weight of Li metal content (g/oz)	4.8 / 0.17
Max. OD (mm/ in)	35.51/ 1.398
Max. Height (mm/ in)	128.5 / 5.059
Battery Case	Plastic
References	

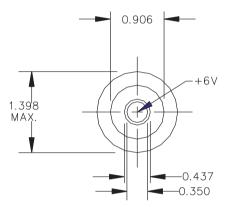
Reference specifications	MIL PRF 49471B (CR) or Saft Standard Specifications
NSN Reference	6135-01-440-7774



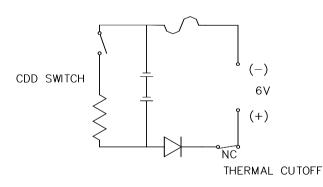
BA 5800 A/U dimensions

*All measurements in inches





Electrical schematic



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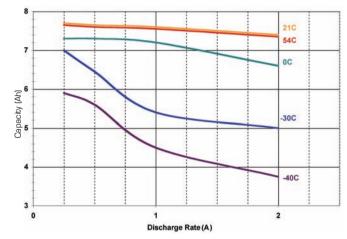
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Data in this document is subject to change without notice and becomes contractual only after written confirmation.

Capacity vs rate at various temperatures



2 A discharge typical curves at various temperatures

