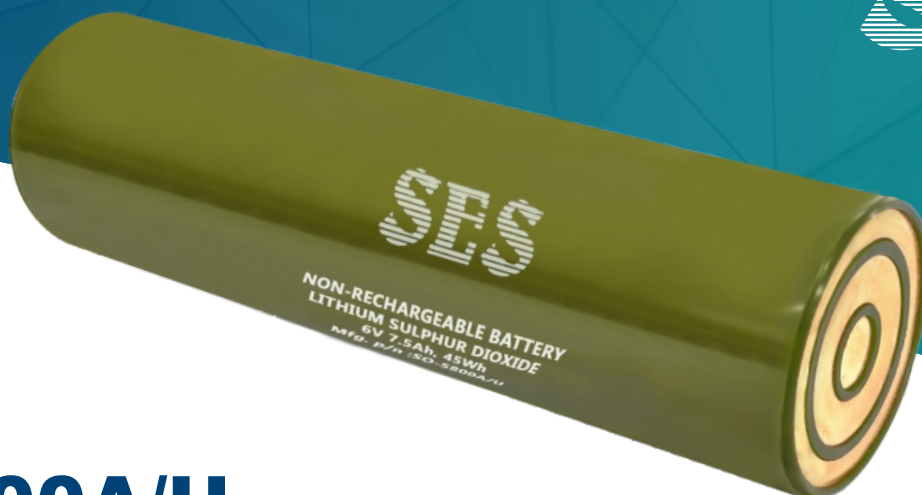




SO-5800A/U

REF SO5800AUWR70

**Non-Rechargeable Battery
Lithium Sulphur Dioxide
6V 7.5Ah, 45Wh**

This SO-5800A/U battery is primary, non-rechargeable lithium sulphur dioxide, engineered and designed for use in a world wide tactical environment, and is manufactured to meet and exceed Indian military standard JSS-55555 and ISO-9000 methods and procedures. This battery meets the requirements of JSS 6135-01:2013 and MIL-PRF-49471B with reference to MIL-STD-810E.

Key Features

- Standard power battery, 45Wh
- Robust molded plastic case
- Non-replaceable 3A fuse at ground
- High temperature thermal fuse at ground
- Diode at 15 V positive output
- Comparable to: BA-5800/U

Typical Applications

- Applications where BB-2800/U and BA-5800 are used
- SLGR or PLGR (AN/PSN-10 or -11)
- FED (AN/PSG-7)
- SAGR (AN/ASN-169)
- CAM and ICAM
- HHTIDRUSHTI

Compliance

- JSS-55555
- JSS-6135-01 : 2013
- MIL-STD-810E
- MIL-PRF-49471B

Approvals

- ISO 9001:2015
- ISO 13485:2016
- Safety Datasheet
- IS 16046 : 2018 (cells)

Technical Specification:-

Part Number	SO-5800A/U
Pack Designation	5WR26/51
Capacity (typ.)	7.5 AH
Nominal Voltage	6.0 V
Maximum Voltage	6.5 V
Operating voltage	5.6 V
Cut-off voltage	5.0 V
Max. Discharge Current (cont.)	1.0 A
Max. Discharge Current (pulse)	2.0 A for 10 sec.
Replacement to	BB-2800/U, MR-2800, BA-5800 2VL 34570, BT-70780T,
Ref NSN	6135-01-440-7774
Life Cycle	Primary battery, one-time use
Shelf Life	3 years

Physical Characteristics

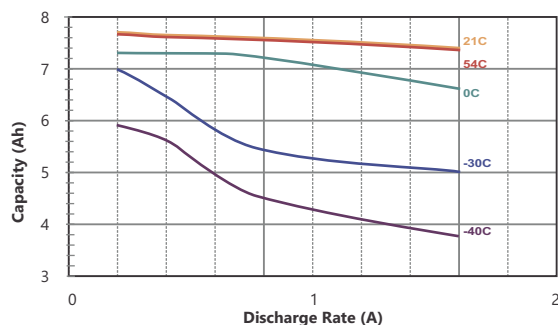
Dimensions (L x D)	129 (L) x 35.5 (Dia.) mm
Weight	0.265 Kg± 0.05Kg
Weight energy density	125 Wh/Kg
Connector	Flat circular contacts as per MIL-PRF-32-52/3
Battery Housing	ABS Plastic UL94V-0
Color	Olive drab / Black





Lithium Sulphur Dioxide 6V 7.5Ah, 45Wh

Capacity vs rate at various temperatures



Operating Temperature

- Discharge -20°C to +55°C

Storage

- Allowable: -20 to +55°C
- Recommended: +20 to +40°C
- Humidity at 0 to 95%

Transportation

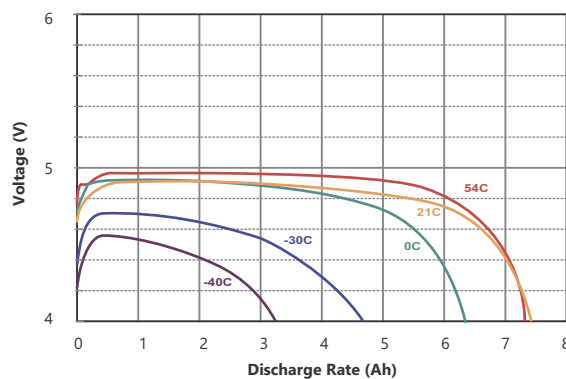
- Miscellaneous Class 9

Further Information

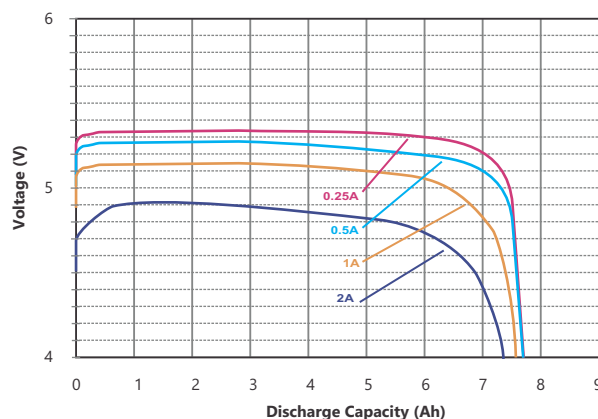
Please refer to our website

www.sesbatteries.co for a complete range of useful downloads, such as product catalogs, material safety data sheets (MSDS), ISO certification, etc.

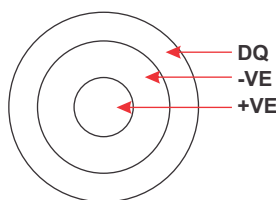
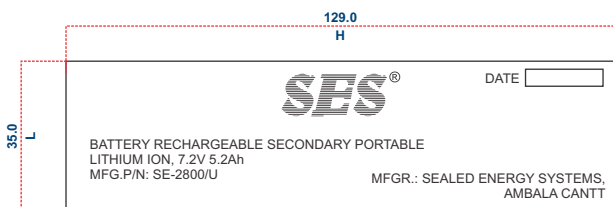
2A discharge typical curves at various temperatures



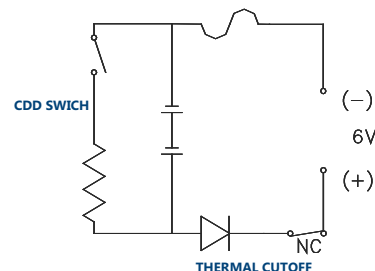
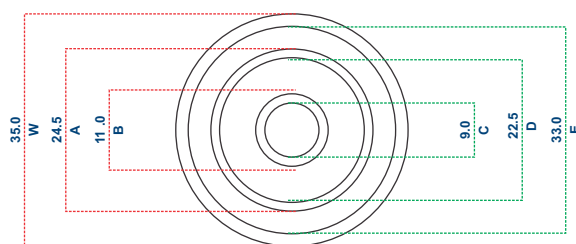
Typical discharge curves at various rates at 25°C



Product Dimension



Dimensions are in Millimeters Tolerances: ±0.5mm			
L : 35.0	W : 35.0		
H : 129.0	A : 24.5		
B : 11.0	C : 9.0		
D : 22.5	E : 33.0		



Manufactured by: **SEALED ENERGY SYSTEMS**

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