



# SO-5847/B/U

**REF** SO5847BUWR70

This SO-5847/B/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-5555 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-5847 B/U

## Typical Applications

- Applications where BB-2847, BA-5847 and BA-5347 are used
- AN/PM-34
- AN/PAS-13
- AN/PRS-7
- HHTICORAL
- PLDR CORAL RATTLER

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

## 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:-

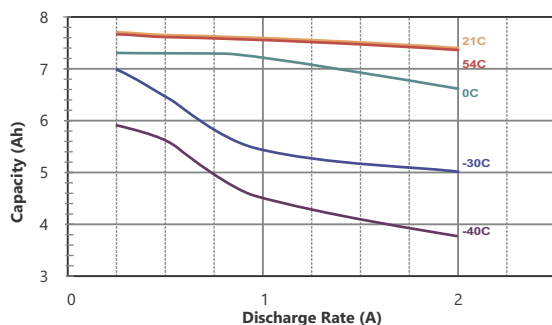
Part Number	SO-5847/B/U
Pack Designation	2WR34/61
Capacity (typ.)	7.5 AH
Nominal Voltage	6.0 V
Maximum Voltage	6.5 V
Operating voltage	5.6 V
Cut-off voltage	5.0 V
Max. Discharge Current (cont.)	1.0 A
Max. Discharge Current (pulse)	2.0 A for 10 sec.
Replacement to	BB-2847, BA-5847, BB-2847A/ UBT-70478, BA-5847/U
Ref NSN	6135-01-090-5364
Life Cycle	Primary battery, one-time use
Shelf Life	3 years
<b>Physical Characteristics</b>	
Dimensions (L x W x H)	64.5 x 38.0 x 95.5 mm
Weight	0.325 Kg± 0.05Kg
Weight energy density	142Wh/Kg
Connector	3.0, 5.0mm socket & Flat contact
Battery Housing	ABS Plastic UL94V-0
Color	Olive drab / Black

Li-SO<sub>2</sub>

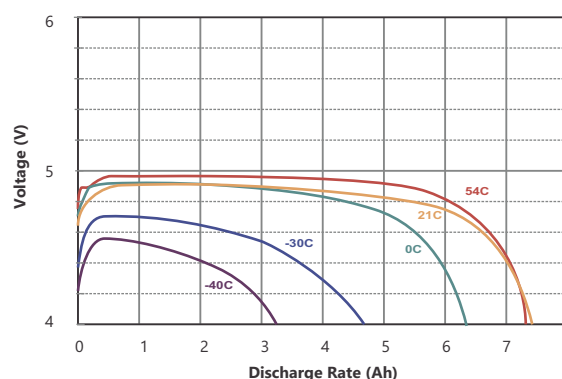


# Lithium Sulphur Dioxide 6V 7.5Ah, 45Wh

Capacity vs rate at various temperatures



2A discharge typical curves 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%

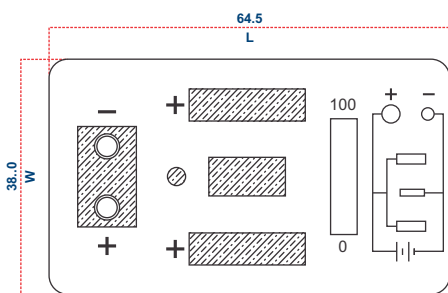
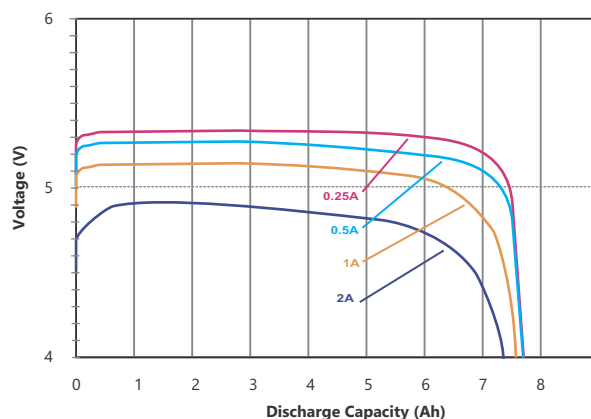
**Transportation**

- Miscellaneous Class 9

**Further Information**

Please refer to our website [www.sesbatteries.co](http://www.sesbatteries.co) for a complete range of useful downloads, such as product catalogs, material safety data sheets (MSDS), ISO certification, etc.

Typical discharge curves at various rates at 25°C



Dimensions are in Millimeters	
Tolerances: ±0.5mm	
L : 64.5	W : 38.0
H : 95.5	

