



SO-12150

REF SO12150WR70

This SO-12150 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, 180Wh
- Robust molded plastic case
- Non-replaceable 3A fuse at ground
- High temperature thermal fuse at ground
- Diode at 15 V positive output

Typical Applications

- STAR V, 5W MK-I, RADIO SET
- Surveillance equipment
- Remote control electronics
- Portable Manpack Power bank
- Rugged portable electronics

**Non-Rechargeable Battery
Lithium Sulphur Dioxide
12V 15Ah, 180Wh**

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:-

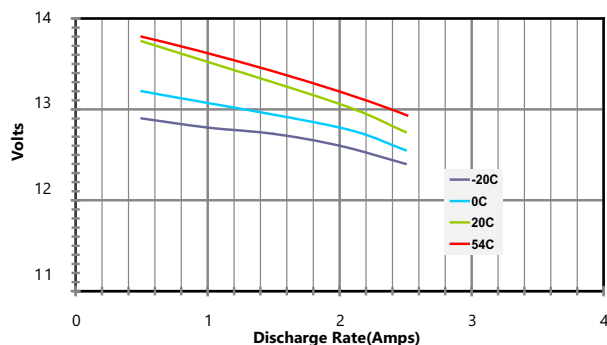
Part Number	SO-12150
Pack Designation	5WR34/63-2
Capacity (typ.)	15.0 AH
Nominal Voltage	15.0 V
Maximum Voltage	15.25 V
Operating voltage	12.0 V
Cut-off voltage	10.0 V
Max. Discharge Current (cont.)	1.0 A
Max. Discharge Current (pulse)	3.0 A for 10 sec.
CAT P/N:	Y3/6135-000288
Life Cycle	Primary battery, one-time use
Drawing	CQAL 4413
Shelf Life	3 years
Physical Characteristics	
Dimensions (L x W x H)	259 x 89.0 x 117.0 mm
Weight	1.8 Kg ± 0.1 Kg
Weight energy density	100 Wh/Kg
Connector	2-Way Female Floating Socket
Battery Housing	Plastic UL94V-0
Color	Olive drab / Black



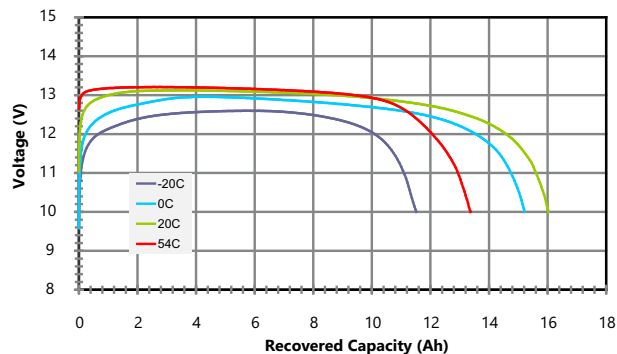


Lithium Sulphur Dioxide 12V 15Ah, 180Wh

Mid-discharge voltage vs. rate at various temperatures



2 A 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%

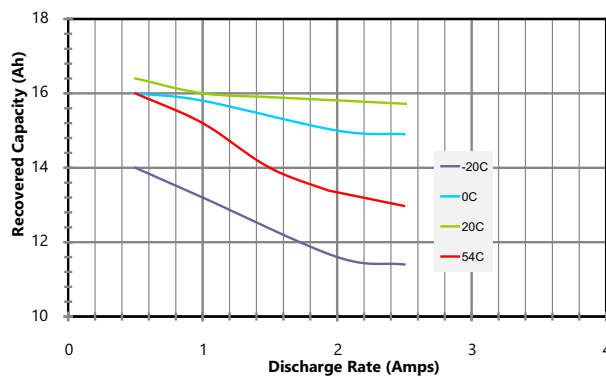
Transportation

- Miscellaneous Class 9

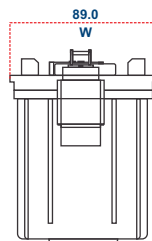
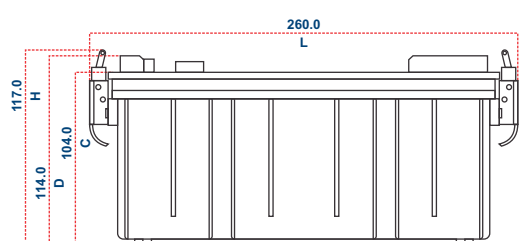
Further Information

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

Capacity vs. rate at various temperatures

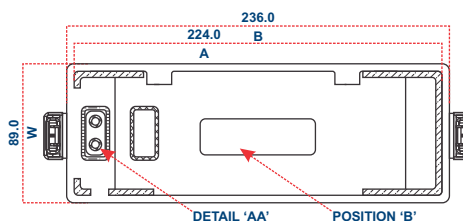


Product Dimension



Dimensions are in Millimeters
Tolerances: ±0.5mm

L : 260.0	W : 89.0
H : 117	A : 224.0
B : 236.0	C : 104.0
D : 114.0	



Li-SO₂



Manufactured by: **SEALED ENERGY SYSTEMS**

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