



# SO-24140

**REF** SO24140WR70

This SO-24140 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, 336Wh
- Robust molded plastic case
- Non-replaceable 3A fuse at ground
- High temperature thermal fuse at ground
- Diode at 30V positive output

## Typical Applications

- STAR V, 25W MK-II, RADIO SET
- Surveillance equipment
- Remote control electronics
- Portable Manpack Power bank
- Rugged portable electronics

**Non-Rechargeable Battery  
Lithium Sulphur Dioxide  
24V 14.0Ah, 336Wh**

### 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:-

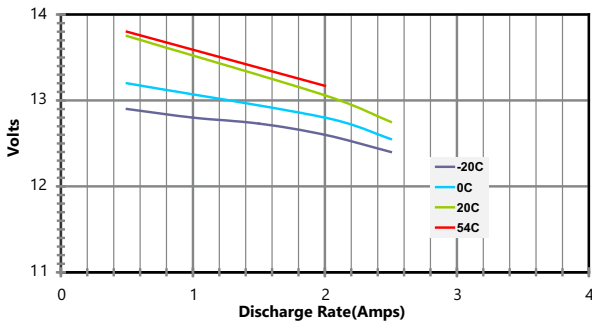
Part Number	SO-24140
Pack Designation	10WR34/63-2
Capacity (typ.)	14.0 AH
Nominal Voltage	30.0 V
Maximum Voltage	30.5 V
Operating voltage	24.0 V
Cut-off voltage	20.0 V
Max. Discharge Current (cont.)	1.0 A
Max. Discharge Current (pulse)	5.5 A for 10 sec.
CAT P/N:	Y3/MISC-1800-100-211-58
Life Cycle	Primary battery, one-time use
Drawing	CQAL 4453
Shelf Life	3 years
<b>Physical Characteristics</b>	
Dimensions (L x W x H)	263 x 89 x 130 mm
Weight	2.9 Kg ± 0.1 Kg (max.)
Weight energy density	115.8 Wh/Kg
Connector	2-Way Female Floating Socket
Battery Housing	Plastic UL94V-0
Color	Olive drab / Black



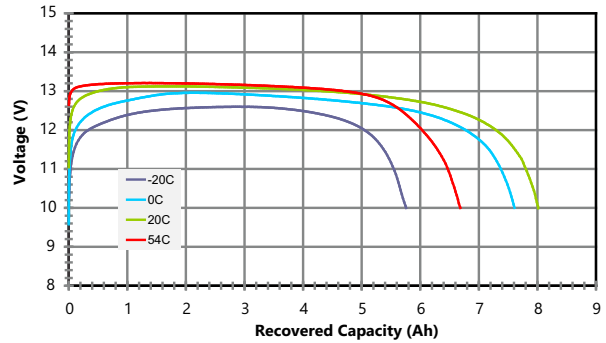


# Lithium Sulphur Dioxide 24V 14.0Ah, 336Wh

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%

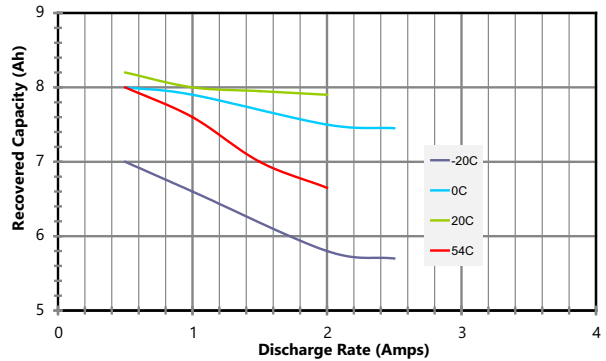
**Transportation**

- Miscellaneous Class 9

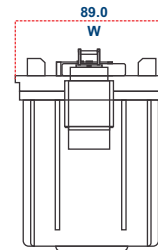
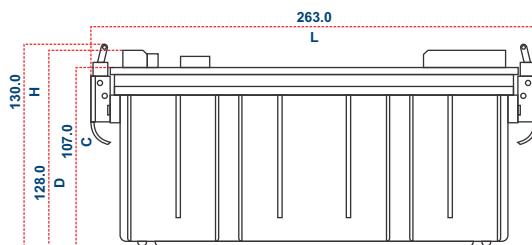
**Further Information**

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

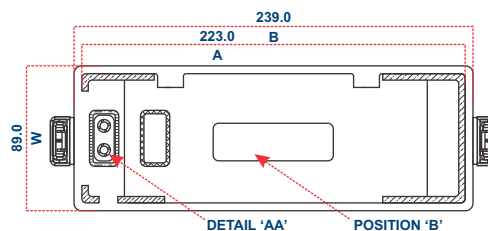
Capacity vs. rate at various temperatures



**Product Dimension**



Dimensions are in Millimeters	
Tolerances: ±0.5mm	
L : 263.0	W : 89.0
H : 130.0	A : 223.0
B : 239.0	C : 117.0
D : 128.0	



Li-SO<sub>2</sub>