



UH-2440

CAT P/N Z9/6140-000-393

Rechargeable Nickel Cadmium Battery, 24V 4.0Ah, 96Wh

This UH-2440 battery is rechargeable nickel cadmium, 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 6140-03 : 2013.

Benefits

- Wide operating temperature range
- Durable high impact case, UL94V-0
- High energy density cells
- Indigenous connector construction

Key Features

- Standard power battery, 96Wh
- Low temperature performance

Typical Applications

- UHF RADIO SET, 25W LUP-322
- Surveillance equipment
- Remote control electronics
- Portable Manpack Power bank
- Rugged portable electronics

Compliance

- JSS-55555
- JSS-6140-03 : 2013
- MIL-STD-810E
- MIL-STD-32052

Approvals

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

Technical Specification:-

National Stock Number	PENDING
Part Number	UH-2440
Pack Designation	20KRL33/62
Capacity (typ.)	4.0 AH at C/5 rate
Nom. Voltage	24.0 Volt
Max. Voltage	28.8 Volt
Max. Discharge Current (cont.)	4.0 A
Max. Discharge Current (pulse)	8.0 A for 10 Sec.
Replacement to	Z9/6140-000-393
Life Cycle	1000 cycles at 25°C
Communication	None
Recommended charge	Constant current at C/4, 1.0A with 28.8V limit, End with timer or when current drops below 0.1A

Physical Characteristics

Dimensions (L x W x H)	238 x 93 x 68 mm
Weight	4.0 Kg
Weight energy density	24 Wh/Kg
Connector	4-way circular connector
Battery Housing	ABS Plastic UL94V-0
Color	Olive drab / Black



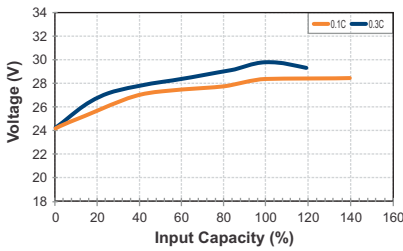
NI-CD



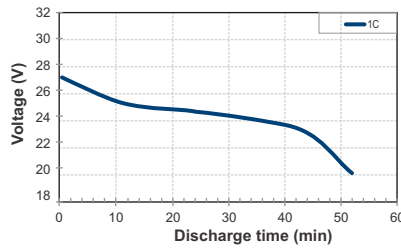


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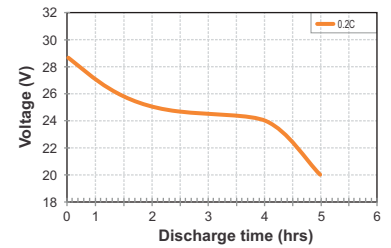
Charge curve at 25°C



Discharge at high rate 25°C



Discharge at low rate, 25°C



Operating Temperature

- Charge -20°C to +55°C
- Discharge -20°C to +55°C
- Storage -20°C to +55°C
- Humidity at 0 to 95%

Storage

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

Transportation

- Miscellaneous Class 9

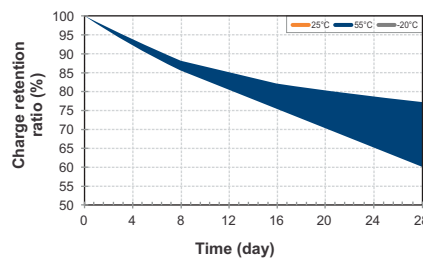
Charge Method

- Charging either through 'SES' tactical charger or through a dedicated charging board/ circuit installed in the host device
- Charging Voltage: 27.6-28.4V
- Typical charging current: C/4

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.

Self discharge at 25°C



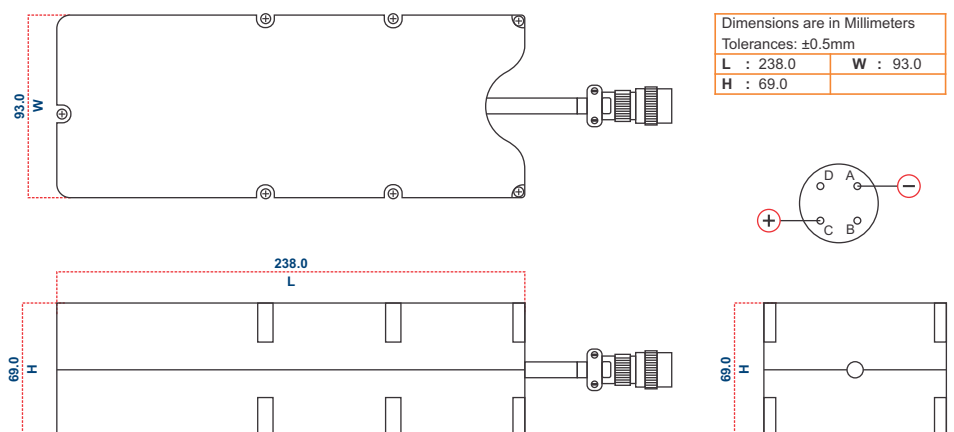
Chargers

SES® offers suitable chargers for batteries with a variety of capacities.

Refer to our website for more information on our switch mode type chargers.

Please contact our technical department for advice if you have difficulty in locating a suitable charger.

Product Dimension



Ni-CD