

DataTrace Low-Temp Battery

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Looking to measure low temperature environments? The ultra-life battery has better performance than the standard temperature battery for low-temperature applications. It contains a different construction architecture called 'spiral-wound' that allows it to deliver superior performance at lower temperatures than any other battery made for our data loggers. This battery works great in:

- Blast Chillers
- Freezers
- Lyophilization
- Refrigerators



Specifications:

Part No.: ER14505M

Cell Type: Primary, non-rechargeable

Chemistry: Lithium Thionyl Chloride

Voltage Range: 2.0 to 3.7V

Nominal Voltage: 3.6V

Nominal Capacity: 2000mAh @ 1mA to 2.0V @ 23°C

Max. Continuous Discharge Current: 400mA

Max. Pulse Discharge Current: Up to 800mA (life and temperature dependent)

Weight: 19g

Operating Temperature: -80°C to 85°C

Storage Temperature: -55°C to 85°C (max 30°C for a >5 years life)

Exterior/Housing: Stainless steel container

Terminals/Connector: Radial tabs / radial pins / axial leads / flying leads

Safety: AL-MSDS/RD-001, Material Safety Datasheet - MSDS041 and Safety Guide UBM-5112

Transportation: Excepted from regulations - see Ultralife website

Quality Assurance: Ultralife manufacturing facilities are ISO 9001:2008 and ISO 14001:2004 registered. Its products are listed under the Component Recognition Program of Underwriters Laboratories (UL) and have passed UN transportation testing, which is required for international transportation of all lithium batteries.

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 21 CFR Part 11 Compliant