

LIR173D-LM-SC | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

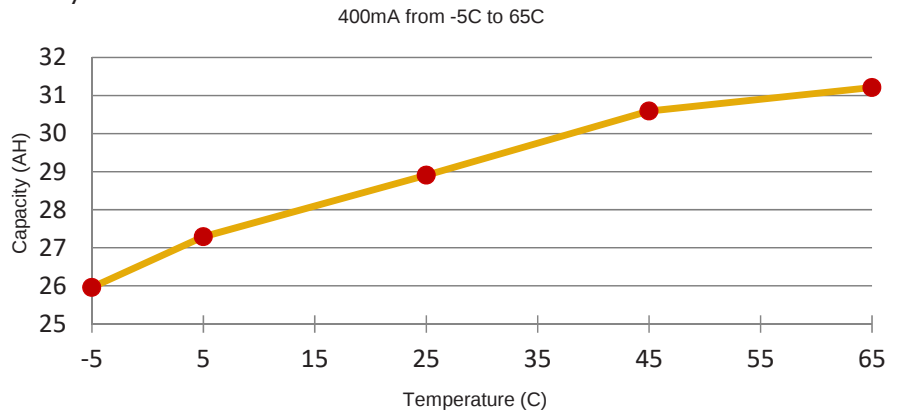


DOT Tested · Hermetically Sealed · High Quality · Reliable & Safe

Serviceability is part of our promise. Engineered Power's global network of engineers provides localized expert design, experienced service knowledge, and timely product delivery where you want it and when you need it.

Battery Features

- primary
- lithium sulfuryl chloride
- gallium electrolyte
- low magnetic signature
- high energy
- moderate temperature
- high rate
- custom terminations



Technical Data

Capacity:
32 AH @ 85mA Nominal

Voltage:
3.93 V OCV
3.87 V CCV - 85 mA, 65°C

Constant Current Capability:
400 mA Nominal
1,000 mA Max

Operating Temperature:
-40°F to +149°F
-40°C to +65°C

Physical Data

Diameter:
1.73 inch $\pm$ 0.010 (43.9 mm)

Height:
2.49 inch $\pm$ 0.050 (63.2 mm)

Weight:
7.2 ounces (205 grams $\pm$ 5)

Suitable Applications

Pipeline inspection gauges (PIG), surface instruments, oceanographic applications.

Shock & Vibration Data

UN/DOT Certified

Shock Test:
1,000G 0.5 ms shocks in X,Y,Z axis at 65°C for 10 shocks

Vibration Test:
20GRMS SINE & 30GRMS random vibration at 65°C

Minimize Risk. Maximize Your Power.

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