

# LIRC-SC | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

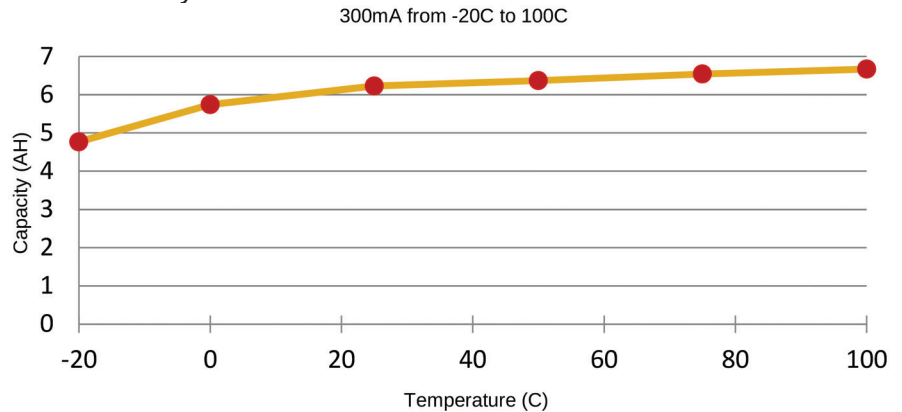


Hermetically Sealed · High Quality · Reliable & Safe

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
- high energy
- moderate temperature
- high rate
- custom terminations



## Technical Data

Capacity:  
6.2 AH @ 300mA Nominal

Voltage:  
3.93 V OCV  
3.73 V CCV – 300mA, 100°C

Constant Current Capability:  
300 mA Nominal  
600 mA Max

Operating Temperature:  
-40°F to +212°F  
-40°C to +100°C

## Physical Data

Diameter:  
0.99 inch ± 0.010 (25.1 mm)

Height:  
1.99 inch ± 0.050 (50.5 mm)

Weight:  
1.95 ounces (55.0 grams ± 3)

## Suitable Applications

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

## Shock & Vibration Data

UN/DOT Pending

Shock Test:  
1,000G 0.5 ms shocks in  
X,Y,Z axis at 100°C for 10  
shocks

Vibration Test:  
20GRMS SINE &  
30GRMS random  
vibration at 100°C

*Minimize Your Risk and Maximize Your Power!*

#20, 3103 - 14 Avenue N.E.  
Calgary, Alberta, Canada  
T2A 7N6



**ENGINEERED POWER**

www.engineeredpower.com | email info@engineeredpower.com

1750 Evergreen Street  
Duarte, California, USA  
91010