

## LiS 2650

### LITRONIK Lithium Iodine High Energy Battery

#### KEY FEATURES

- For implantable pulse generators or other medical devices with highest demand in reliability
- Highest volumetric energy densities
- Lowest self-discharge rates
- Solid-state battery
- Long operational safety

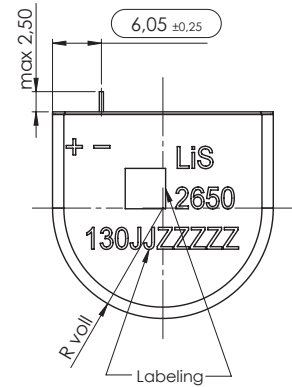
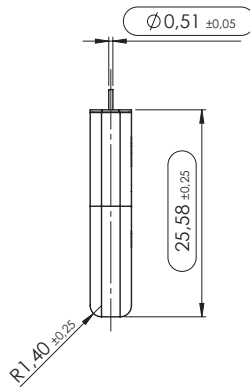
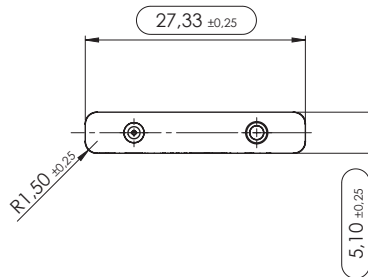


# LiS 2650

## Lithium Iodine High Energy Battery

### Technical Data

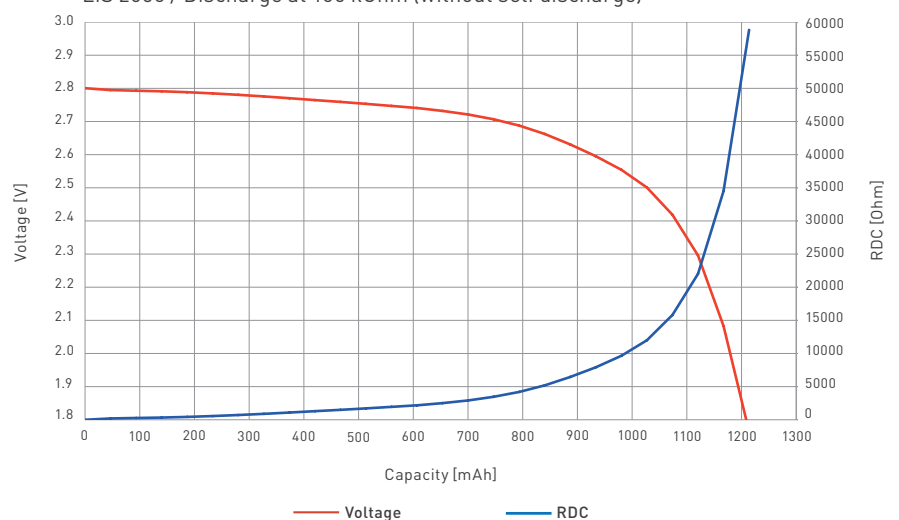
Chemistry	Li-Iodine
Construction	Single anode design
Rated capacity (at 100 kΩ)	1.21 Ah
Energy density	1232 mWh/cm <sup>3</sup>
Nominal voltage	2.8 V
Cut-off voltage	1.8 V
Self-discharge (at 37°C)	< 7% within 10 years
Mass	11.8 g
Volume	2.7 cm <sup>3</sup>
Case material	1,4306 (X2 CrNi 19.11) hermetically sealed
Case polarity	Positive
Typical application	Implantable pulse generators



### Options

Custom pin configuration	available
Application specific testing	available
Custom labeling	available
Custom packaging	available

LiS 2650 / Discharge at 100 kΩhm (without self discharge)



LITRONIK power sources provide today's state-of-the-art in battery technology for implantable medical devices. The batteries are manufactured within a tightly controlled atmosphere to ensure highly re-producible electrical characteristics. A completely laser welded titanium case and a high-precision metal-to-glass feedthrough guarantee hermeticity and safe operation. LITRONIK's quality system derives from the requirements of life sustaining implants and assures 100% traceability of processes and materials.

**LITRONIK**  
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