

LiS 2250

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

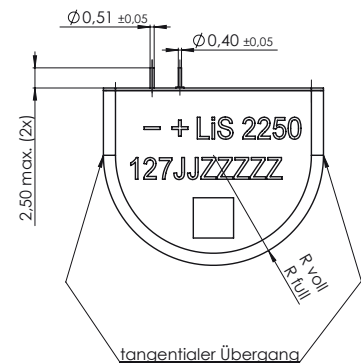
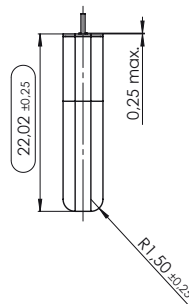
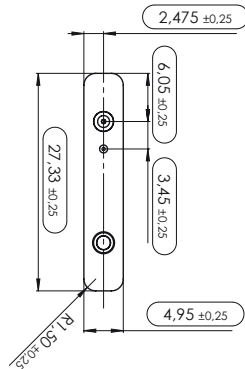


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Lithium-Iodine High Energy Battery

Technical Data

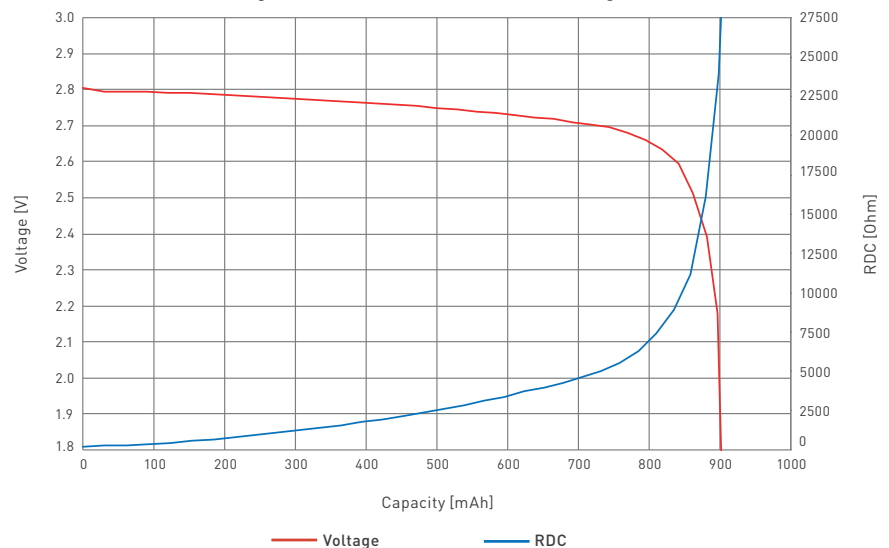
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|----------------------------|---|
| Chemistry | Li-Iodine |
| Construction | Single anode design |
| Rated capacity (at 100 kΩ) | 0.90 Ah |
| Energy density | 980 mWh/cm ³ |
| Nominal voltage (BOL) | ≥ 2.795 V |
| Cut-off voltage | 1.8 V |
| Self-discharge (at 37°C) | < 7% within 10 years |
| Mass | 9.5 g |
| Volume | 2.53 cm ³ |
| 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 2250 / Discharge at 140kOhm (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
an MST company

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