



Lithium-Ion Battery

Features and Benefits

- Long cycle life
- Fully welded hermetically sealed design
- Thermal shutdown separator
- Long shelf life
- Lightweight titanium case
- Case neutral design

Applications

- Neuromodulators
- Cardiac
- Implantable
- Brain
- Stimulators

Lightweight, miniature cell with excellent cell life

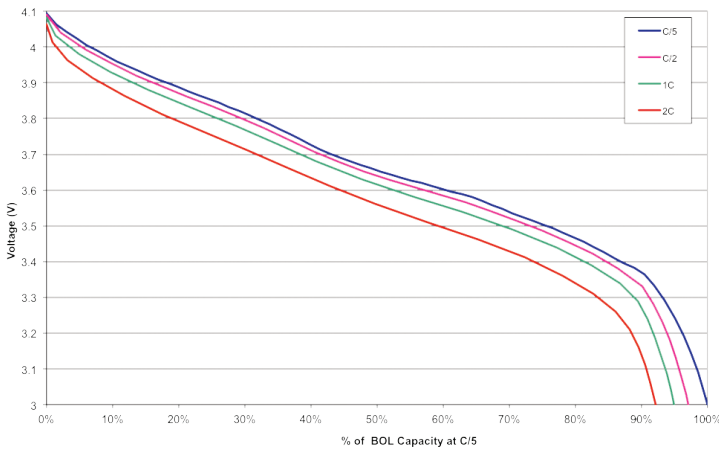
Specifications

Part Number	95-1765
Weight	1.5 g
Dimensions	Height = 0.400" ± 0.010" (10.2 ± 0.25 mm) Width = 0.474" ± 0.010" (12.04 ± 0.25 mm) Thickness = 0.177" + 0.020" - 0.010" (4.50 + 0.51 - 0.25 mm)
Nominal Voltage	3.6V
Cycling Voltage Range	3.0 to 4.1V
Capacity (Beginning of Life)	20 mAh at C/5 charge to 4.1 V C/5 discharge to 3.0V and 20°C (68°F) at beginning of life
Maximum Recommended Charging Rate	C/2
Cycle Life at 37±2°C (99°F)	>80% capacity after 1000 cycles C/2 charge to 4.1V; C/2 discharge to 3.0V
Volume	0.53 cc
Energy Density	160 Wh/L
Operating Temperature	37±2°C (99°F)
Recommended Storage Conditions	20±5°C (68±9°F)
Case Material	Titanium
Terminals	Molybdenum
Options	Custom terminations Application specific documentation for FDA submission Application specific testing Custom Markings Custom Packaging

Typical performance based on historical results.

Contego 20 mAh Battery

Contego 20 Discharge Rate Capability at 37 °C



Contego 20 Cycle Cell Life at 37 °C and C/2

