



Implantable, lightweight,
high energy density
cell with superior rate
capability and cycle life

Lithium-Ion Battery

Features and Benefits

- Long-cycle life
- ISO 13485 certified
- Fully welded hermetically sealed design
- Thermal shutdown separator
- Long-shelf life

Applications

- Neuromodulators
- Drug pumps
- Body fluid pumps
- Cardiac monitors

Specifications

Part Number	95-1620
Weight	19.1 g
Dimensions	See details on back
Nominal Voltage	3.6 V
Voltage Range	3.0 to 4.1 V
Capacity at C/5 and 20°C (68°F)	440 mAh at C/5 charge to 4.1V C/5 discharge to 3.0 V and 20°C (68°F) at beginning of life
Maximum Recommended Charging Rate	C/2
Cycle Life at 37°C (99°F)	>80% capacity after 1,000 cycles C/2 charge to 4.1 V, C/2 discharge to 3.0 V
Volume	5.97 cc
Energy Density	290 Wh/L
Operating Temperature	37 ±2°C (99 ±4°F)
Recommended Storage Conditions	20 ±5°C (68 ±9°F)
Case Material	Stainless Steel 304L
Terminals	Molybdenum*
Transportation Safety	UN recommendations on the transportation of dangerous goods ST/SG/AC.10/11
Options	Custom terminations
	Application specific documentation for FDA submission
	Application specific testing
	Custom markings
	Custom packaging

* Custom connections such as gold plated nickel pins or nickel tabs can be welded to the molybdenum terminal to ensure ease of connection.

Contego 440 mAh Battery

