



Implantable Lithium-Ion

Features and Benefits

- Long cycle life
- ISO 13485 certified
- Fully welded hermetically sealed design
- Thermal shutdown separator
- Long shelf life
- Case neutral design
- Excellent rate capability

Applications

- Neuromodulation
- Monitoring
- Sleep apnea
- Incontinence
- Various
 - Rate and capacity dependent

Specifications	
Part Number	D-00020
Weight	2.5 g
Dimensions	See details on back
Nominal Voltage	3.6V
Voltage Range	3.0 to 4.1V
Capacity at C/5 and 20°C (68°F)	50 mAh at C/5 charge to 4.1V C/5 discharge to 3.0V and 20°C (68°F) at beginning of life
Maximum Recommended Charging Rate	C
Cycle Life at 37°C (99°F)	>80% capacity after 1,000 cycles C/2 charge to 4.1V C/2 discharge to 3.0V
Volume	0.88 cc
Energy Density	228 Wh/L
Operating Temperature	37°C (99°F)
Recommended Storage Conditions	20±5°C (68±9°F)
Case Material	Titanium
Terminals	Molybdenum
Transportation Safety	UN recommendations on the transportation of dangerous goods ST/SG/AC.10/11
Battery Safety	IEC 62133
Options	Custom terminations Application specific testing

Contego 50 mAh Battery

