



POWERING LIFE

With 20 years of experience in advanced medical battery design and manufacturing, EnerSys® has revolutionized the battery industry with advanced rechargeable power sources for unique and challenging applications.

We proudly leverage this experience to expand our product portfolio to power the very latest in medical technology.



Class II

Medical Equipment Batteries

With unsurpassed performance, light weight, a wide operating temperature range and industry-leading reliability, Quallion® lithium-ion external medical batteries are enabling medical equipment companies to develop more powerful, flexible, portable and intelligent products.

These compact, rechargeable batteries are used in mobile, user-friendly defibrillators, X-ray machines, monitoring devices and other life-critical diagnostic equipment.



Class III

Implantable Medical Device Batteries

With superior performance, reliability and safety, Quallion rechargeable lithium-ion and non rechargeable Lithium Carbon Monofluoride (Li/CFx) technologies delivery ultra-high safety and long, reliable life in the challenging operating conditions within the human body. Manufactured using proprietary battery technology, Quallion batteries have been specifically designed to be used in devices that are implanted in the human body.

These long life lithium-ion cells are qualified to power a wide range of devices, including cochlear implants, neurostimulation devices, glucose sensors and cardiac rhythm monitors. Quallion implantable batteries have helped tens of thousands of patients lead healthier and more productive lives.













Zero Volt™ Technology

Allowing long storage periods in a deep discharged state with no permanent capacity loss due to low voltage, Zero Volt™ technology provides a true advantage to device manufacturers and, ultimately, patients. Because they can be discharged to zero volts, batteries function at peak capacity levels even after long storage periods without maintenance. In addition, the charge can be completely removed when connecting batteries to volatile systems or implanting cells inside the human body.



LITHIUM-ION MEDICAL CELLS

	Product No	Voltage (V)	Ah @ 1C R.T. (Ah)	Dimensions			Weight (grams)	Product Availability	Zero-Volt Enabled
				Width (mm)	Height (mm)	Thickness (mm)			
External	 QL0100E2	2.7 to 4.2	100mAh	15.6	14.4	8	5	Special order	-
	 QL0230E	2.7 to 4.2	230mAh	15.6	23	8	6	In production	-
	 QL0370E	2.7 to 4.2	370mAh	18.1	29.65	9.6	10	In production	-
	 QL0700I	2.7 to 4.2	650mAh	26.8	42.9	8.9	30	Prototype stage	-
Implantable	 QL0002A	2.7 to 4.1	1.5mAh	-	10	2.667	.15	In development	Y
	 QL0003I	2.7 to 4.1	3mAh	-	11.8	2.9	.2	In production	Y
	 QL0020B	2.7 to 4.1	20mAh	19.3	4.5	7.2	1.2	In production	Y
	 QL0025A	2.7 to 4.1	50mAh	odd	26	4.5	5	Prototype stage	Y
	 QL0130	2.7 to 4.1	130mAh	17	27	5.5	5.5	Special order	Y
	 QL0165I	2.7 to 4.1	150mAh	20	28	5.5	6	Prototype stage	Y
	 QL0200I	2.7 to 4.1	200mAh	17	35	5.5	8	In production	Y
	 QL0300	2.7 to 4.1	250mAh	30	21	7.5	9.2	Prototype stage	Y