

“The Power to Solve” Designing and Building Battery Systems for the Medical Industry



Tyco Electronics Battery Systems:

The worldwide leader in the design and manufacture of custom battery packs and systems.

Fueled by the need for power and portability, the medical industry’s demand for portable energy systems is ever increasing. Specifically, today’s medical devices require:

Higher Power

- to supply energy to faster processors
- to power color displays
- to energize sophisticated sensing and networking devices

More Reliability

- power to run all day, not just for a few minutes or hours
- with more durability to handle adverse conditions

Safer with Lower Operating Risk

- stringent designs with high quality materials
- high manufacturing standards

Mission Critical Applications

Tyco Electronics Battery Systems provides customized solutions for :

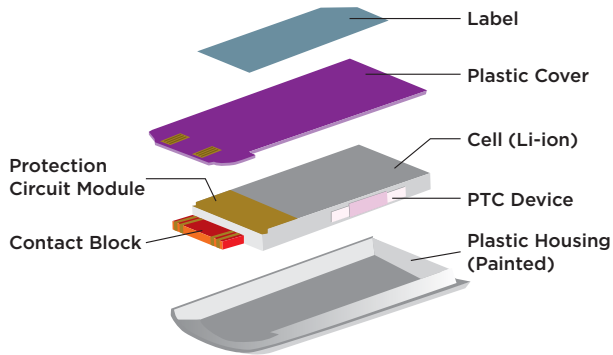
- Critical care monitors
- Defibrillators (AED)
- Endoscopes
- External pumps
- Glucose monitors
- Infusion pumps
- Insulin pumps
- Intra-Aortic Balloon Pumps (IABP)
- Multi-parameter monitors
- Patient monitoring equipment
- Portable X-ray
- Ultrasound devices
- Ventilators



The Tyco Electronics Advantage

Tyco Electronics Battery Systems (TEBS) approaches these challenges proactively and pragmatically. With the “Power to Solve”, TEBS expert staff of designers, engineers and quality manufacturing personnel provides the advantages the medical industry needs by:

- ✓ Designing “smart battery” solutions with sophisticated electronics that communicate with the host device
- ✓ Using quality material suppliers that offer consistency in raw materials and supply
- ✓ Offering protection circuitry that provides a redundant source of reliability
- ✓ Offering over- and under-charge protection circuitry mitigating the risk of charging-related incidents
- ✓ Providing global and consistent source of battery cells that are expertly selected for the application and operating condition, thus helping to reduce the risk of operation problems
- ✓ Offering full component traceability and functional validation to assure safety and reliability



Experience

A dedicated global team supporting battery pack R&D, design, and manufacture

Quality

Accredited lab for product safety and quality assurance testing

Commitment

Tyco Electronics global commitment to research, development, and sourcing



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Our commitment. Your advantage.