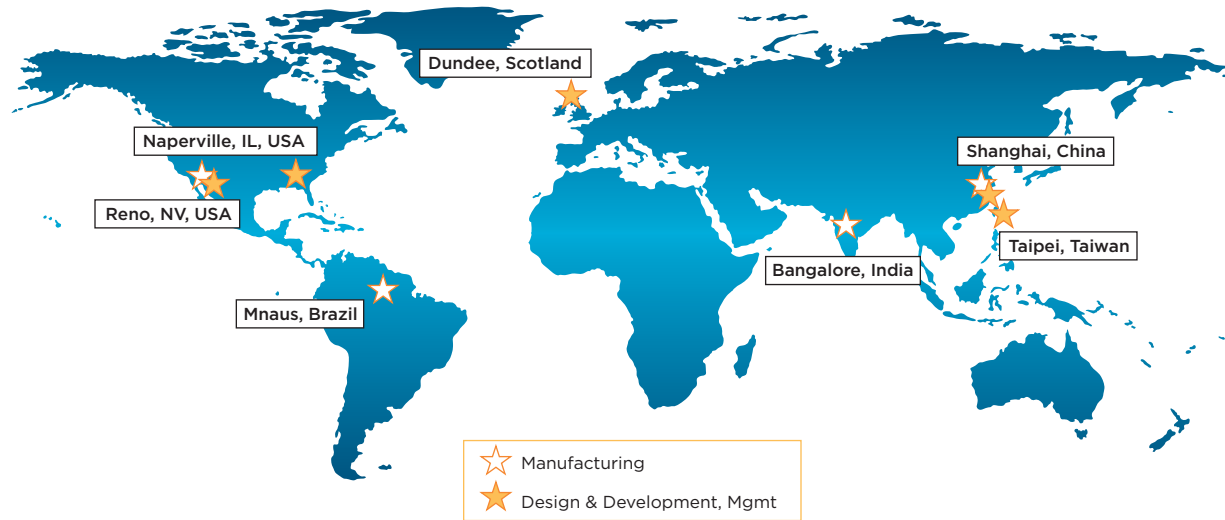


Global Locations

Capacity – 9 Million Packs per Month (approx.)



Custom Battery Packs



Tyco Electronics Battery Systems Capabilities "with the Power to Solve"

- ✓ Design & manufacturing
- ✓ Turnkey solutions
- ✓ In-house expertise & testing
- ✓ Global sourcing uninterrupted material flow

Tyco Electronics Battery Systems (TEBS) is the worldwide leader in the design and manufacture of custom battery packs and systems for any portable electronic device or stationary back-up power need. A battery system is much more than a collection of cells - it is the source of the power that enables your products to perform to their fullest potential. When you specify TEBS, you are getting a dedicated team of innovative designers and engineers, trained to develop the perfect solution within your power, space, weight, and cost parameters.

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Customized Turnkey Solutions for:

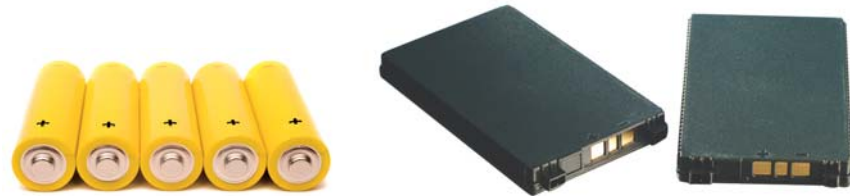
- Instrumentation
- Cellular Phones
- Laptop Computers
- Test Equipment
- Medical Devices / Applications
- Handheld P.O.S & GPS
- Security & Emergency Lighting
- Data Acquisition
- Power Back-up

Design Innovation

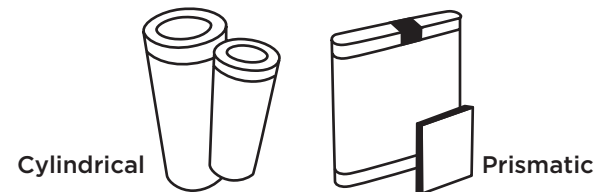
With the goal of maximising compatibility with your product, our mechanical and electrical design team will use creativity and technology to provide the optimum solution. Our engineering and technical sales personnel are experienced in solving complex problems, validating the design steps to ensure downstream performance, and developing quality designs that work. TEBS' innovations deliver everything needed to get to market sooner, with an added competitive edge.

Battery Cell Types

- Lithium Ion
- Lithium Polymer
- Nickel / Cadmium
- Nickel / Metal Hydride
- Lead-Acid
- Multi or single cell



As with many design projects, there are often design tradeoffs to be made. A battery's run life is often directly correlated with the size of the battery pack. There are generally two shapes to consider, *cylindrical* and *prismatic*.



From Concept Through Total Design

Meet design, Function & Price targets

TEBS' world-wide engineering design team incorporates electrical, mechanical and chemical expertise to shorten the time required for design and development, ultimately reducing product delivery times. Our cutting edge technology can increase functionality while reducing size, weight and cost. TEBS has the ability to offer a turnkey design and manufacturing solution to match the battery system to the specifications of your products. Our unique program management system gives you a champion inside TEBS, charged with supervising the design process from concept through finished product. When you specify TEBS, you are buying the power to bring innovations to market, on time.

Testing & Qualification

With a fully integrated professional battery pack and cell testing facility in Shanghai, China, TEBS provides complete in-house component and battery pack approval. Testing includes pre-compliance and planned compliance testing in safety, abuse, EMC, environmental reliability, performance and life testing through internal, customer and regulatory specifications and standards. These unique independent testing capabilities offer our customers the ability to complete all of their required specification and environmental testing under one roof and enables TEBS to offer the complete turnkey power solution. The lab is approved by UL to conduct UL1642 and UL2054 testing and issue certification to both standards. TEBS also has senior level representation on the UL Standards Technical Panel (UL1642 & UL2054) and IEEE-P1725 Work Group. TEBS has the additional capability to conduct all UN/DoT testing in-house and provide the required certification documents.



Overcharge



Vibration



Humidity

Safety Quality

Accredited lab for product safety and quality assurance testing

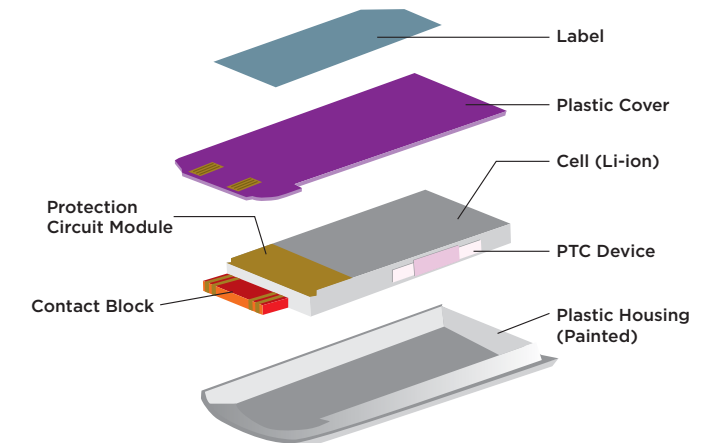
- UL accredited test lab certified for UL, DOT/UN, CE, IEEE and other required agency compliance testing and certification
- Fast response time on approvals
- Accurate testing and qualification



Core Manufacturing Processes

Product to Market Quickly at Lower Cost

Cost effective and flexible manufacturing methods are at the core of TEBS' working methodology. Incorporating advanced production techniques and the most reliable and efficient equipment available in both manual and automated processes. TEBS' production techniques ensure the consistency and high performance of the finished product. Flexible, future proof processes allow large volume manufacturing capacities and a higher degree of repeatability in both quality and quantity of products. Integrating the best in both design and assembly, TEBS gives you a world-class combination in both service and technology.



Global Commitment

With presence throughout the world, TEBS is committed to locally supporting the needs of customers globally. Investment in engineering, state-of-the-art manufacturing processes and quality control techniques, as well as ongoing application training of our personnel, is all geared to keep TEBS a step ahead. A combination of design and manufacturing sites throughout the Americas, Europe and Asia enables us to deliver a full set of support services to help get product to market as efficiently and as successfully as possible. And we are in compliance with globally recognized ISO9000/14000 standards in all of our major manufacturing sites.

- Independent procurement strategy
- "Class A" Sanyo supplier status
- Flexible & cost-effective solution
- "The Power to Solve"
 - Design, development, testing
 - Faster to market modustion
 - Quality Assurance