

Custom Power

Battery Systems and Energy Solutions

A Solid State Group Company

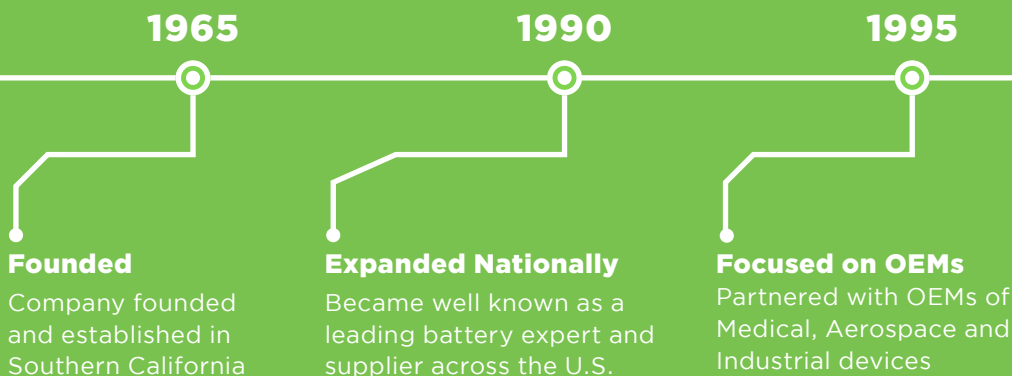


Aerospace and Defense

In today's military environment, ultra-reliable, portable power sources are mission critical. Custom Power works with military and aerospace manufacturers to ensure the modern warfighter has lightweight and innovative yet highly ruggedized power and battery systems within their sophisticated battlefield equipment able to endure the toughest environments. We develop specialized battery systems for: drones/unmanned vehicles (UAVs), communications, UPS systems, ruggedized computers, fire suppression systems and many other devices.



Our History



Medical Devices

In the medical field, reliability and dependability of power sources are critical to patients' lives. We use the latest technology and assembly processes and maintain quality systems and procedures to meet the stringent demands of medical device manufacturers and regulators. Medical device manufacturers trust that our battery solutions will provide healthcare providers the performance needed to care for their patients.



2004

Grew Manufacturing
Moved to 36,000 sq. ft. facility. Focused on lithium battery solutions

2007

Recognized in Aerospace
Awarded "Small Business of the Year" by Lockheed Martin

2010

Advanced Our Manufacturing
Implemented automated cell, circuit board and battery pack test equipment

2015

Increased Capabilities
Expanded Engineering, Quality and Sales teams to service demand for more complex battery pack designs

Industrial Equipment

Rugged portable devices are subjected to high-volume daily usage and must be powered by the optimal battery system solutions. Industrial devices such as: imaging equipment, GPS-based locators, data loggers, transmitters, and field measurement devices, often operate in extreme conditions and have equally demanding power needs. Custom Power designs customized battery packs to meet these rigorous power challenges.



Other Markets Served

- GPS and Asset Tracking
- Test and Measurement
- Agricultural Equipment
- UPS Systems
- Energy Storage
- Commercial UAV's
- IoT Products
- Emergency Lighting
- Backup Power
- Autonomous Robotics
- Oil Exploration Industry
- Telecommunications

2018

Partnered with Leading Manufacturers

Became Duracell's primary battery pack designer and assembler for the Aerospace and Defense markets

2020

Certified as Essential

Recognized as an essential company supplying critical battery systems for life-saving medical equipment during the COVID-19 pandemic

2022

Grew Internationally

Through acquisition by Solid State plc, a European value-added electronics group, Custom Power expanded our global reach

Production Excellence



Custom Power's ISO-certified and ITAR-compliant facility located in Southern California produces high-quality custom battery packs in a temperature-controlled environment with strict adherence to ESD standards. Our highly trained operators and automated test equipment ensure repeatable optimal product performance.



Customer Focused

- ⚡ Committed to providing the utmost customer service and on-time delivery
- ⚡ Specialize in Lithium-ion design and manufacturing
- ⚡ Serving critical markets and applications
- ⚡ All chemistries supported

Engineering and Design

- ⚡ Custom battery pack design and development
- ⚡ Battery Management System (BMS) design
- ⚡ PCB layout, schematic, and CAD design
- ⚡ Fuel gauge software development

Commitment to Quality

- ⚡ Dedicated to strict quality management systems
- ⚡ ISO 9001 and AS9100 certified; ITAR compliant
- ⚡ Tier-1 cell technologies and manufacturers
- ⚡ Documented processes and controls



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Since 1965, Custom Power has been providing manufacturers with innovative, high-quality custom battery systems. Our team of dedicated design engineers can select and design the right battery solution from any chemistry and technology to fit any specific application. We are an authorized assembler/integrator for all leading cell manufacturers.

Our goals are to put advanced battery technology to work for our customers, be responsive to their needs, and offer quality solutions that enhance product performance.

We innovate power solutions for tomorrow's technology

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