



# Custom Power

**Battery Systems and Energy Solutions** 





## Custom Power

### Design, Development and Integration

#### **Customer Focused**

- Providing custom battery packs for over 55 years
- Serving all critical markets and applications
- Focus on Lithium Ion design and manufacturing
- All chemistries supported
- Proven dependability
- Attentive to customer and market needs
- Agency compliance management
- USA, Mexico, and Asia manufacturing



#### **Engineering and Design**

- Custom battery design
- Lithium Ion circuit design and development
- PCB layout
- CAD design
- Fuel gauge software development
- Application load-profile testing capability
- Optimized for performance and safety
- Custom enclosure design
- Extreme temperature testing capability

#### **Commitment to Quality**

- Dedicated to strict quality guidelines
- Tier-1 cell technologies and manufacturers
- ISO certified
- ITAR registered
- Documented processes and controls
- Providing optimized battery solutions





#### **Medical Equipment**

In the medical field, reliability and dependability are critical. We use only the highest quality components and have implemented the quality systems and procedures necessary to meet the high-level demand by medical device manufacturers.

Medical device manufacturers can trust that our batteries will provide the performance needed during critical procedures.



#### **Industrial Equipment**

Rugged handheld devices that are used to support Automatic Identification and Data Collection (ADIC) and other handheld computing applications are subjected to demanding daily usage. Other devices equally demanding for batteries are: imaging devices, data loggers, transmitters, and field measurement devices which often need to operate in extreme conditions. Custom Power battery packs are designed to meet these challenges.



#### **Military and Aerospace**

In today's military environment, the modern warfighter benefits from and relies on lightweight and rugged portable power sources contained within sophisticated battlefield equipment. Under these circumstances, reliability is a must. Custom Power works with military and aerospace manufacturers to develop specialized battery systems for: unmanned vehicles (UAV's), communications, UPS systems, ruggedized computers, fire suppression systems and many other devices.

#### **Other Markets Served**

- GPS and Asset Tracking
- Portable Test Equipment
- Avionics and Aerospace
- UPS Systems

- First Responders
- Commercial UAV's
- IoT Products
- Emergency Lighting
- Backup Power
- Lighting Products
- Oil Exploration Industry
- Telecommunications





#### **Production Excellence**

Custom Power's ISO certified and ITAR registered facility located in Southern California produces highquality custom battery packs in an ESD protected and temperature controlled environment. Highly trained operators and automated test equipment ensure repeatable product performance.

# Custom Power

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

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

### Custom Power - Battery Systems and Energy Solutions



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