

PACK APPLICATIONS

We design and build battery packs for a multitude of markets including but not limited to OEM, medical, hobby, government/military, hunting, security and telecommunications. Custom solutions for your applications are available to power your innovations.

- Atmospheric equipment
- Barcode scanners
- Buck-eye video cameras
- Catheter cleaning equipment
- Cordless phones
- CPAP machines
- Defibrillators
- Hotel & security door locks
- Infrared cameras
- IV pumps
- Military communications equipment
- Parking meters
- Patient monitoring devices
- Portable calibration equipment
- Radar guns
- Remote control products
- Security panels
- Tracking devices
- Two-way radios
- Vending machines



www.protechnologies.com



ProTechnologies, Inc.
331 Shelleybrook
P.O. Box 950
Pilot Mountain, NC 27041 0950

T 800.333.1375
P 336.368.1375
F 336.368.1380

sales@protechnologies.com
www.protechnologies.com

Certified ISO 9001 and ISO 13485

A UPG Company
www.upgi.com

CUSTOM
BATTERY PACK
MANUFACTURER



the battery solutions people.



Founded in 1985, ProTechnologies, Inc. ("PTI") is a wholly-owned subsidiary of Universal Power Group ("UPG"). PTI is ISO 9001 & ISO 13485 certified and a proven battery pack designer and manufacturer for original equipment manufacturers and customers in the medical, hobby and military markets to name a few.

With over 50 years of combined expertise and in-house engineering teams, we are a highly qualified one stop battery pack solutions provider and are dedicated to providing each customer the right solution to meet their needs.

PTI ADVANTAGE

- ISO 9001 & ISO 13485 certified
- In-house design capabilities
- State-of-the-art equipment
- Expertise in almost every chemistry
- 100% quality inspections
- Custom-designed battery packs
 - Panasonic
 - Duracell
 - K2
 - Sanyo
 - Saft
 - Tadiran
 - FDK
 - Energizer
 - Varta
- Basic to complex packs with specialized circuitry, connectors & housings
- Custom built-in charging systems
- Prototyping capabilities
- Quality at a competitive price
- Top notch customer service & on-going customer support
- Just-in-time delivery & dock-to-stock programs
- Assembly in the US
- Flexibility to assemble in South-east Asia
- Testing & analyzing services

PTI DESIGN GOALS

- ✓ Highest energy density
- ✓ Smallest physical size
- ✓ Lowest weight
- ✓ Appropriate charge solution
- ✓ Long life cycle
- ✓ Acceptable cost

PRIMARY NON-RECHARGEABLE BATTERIES

For applications with relatively low power requirements such as flashlights, watches, toys and radios.

- Alkaline
- Silver Oxide
- Lithium Manganese Dioxide
- Lithium Poly-Carbonmonofluoride
- Lithium Thionyl Chloride
- Lithium Sulfur Dioxide



SECONDARY RECHARGEABLE BATTERIES

For applications in consumer & industrial markets such as starting, ignition, medical equipment, emergency/back up power, telecommunications, and portable tools/equipment.



- Sealed Lead-Acid
- Nickel Cadmium
- Nickel Metal Hydride
- Lithium Ion
- Lithium Iron Phosphate
- Lithium Polymer