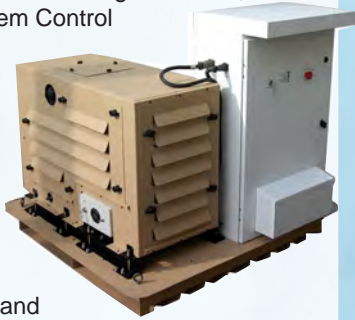


Packaged Power Plant™

- Total Packaged Power Solution: Integrated UPS, Generator & Power System Control
- 3 in 1 Application:
 - Power Generation
 - Power Conditioning
 - Battery Backup
- Multiple fuel options: Diesel, gasoline, propane & natural gas
- Global input voltages and frequencies
- Standard output voltages and frequencies: 1-phase; 3-phase & other options
- Power ratings available up to 100 kW
- Totally automatic unattended operation with remote monitoring and control
- Automatic Transfer Switch (ATS) selects between internal generator or external sources
- Audible noise suppression housings available



About ETI

ETI's products are modular in design, available in a variety of sizes, and may be modified to suit a particular application or integrated into a total solution. Designed to prevent damage due to mechanical shock and vibration, ETI's units are built rugged, not "ruggedized" and conform to all pertinent Mil-Spec standards.

ETI is continuously developing high reliability products to meet customer's ever changing power needs, and we have a solution for your unique requirements.



ETI's Applications



Tomahawk, Patriot and Sea Sparrow missile systems



UAV ground based control systems for Predator, Firebird and Fire Scout



Onboard and ground systems for U2 and Aerostat



Air Force and Marine Corps medical air transport



Flight navigation stations such as WAAS

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Airborne Power®



Energy Technologies Inc.

Rugged Power ♦ Global Solutions

www.AirbornePower.com

Airborne Power

The Airborne Power® division of Energy Technologies, Inc. designs and manufactures rugged, high-reliability power generating, power conditioning, energy storage and power distribution equipment for airborne applications. Used aboard aircraft as well as ground support and launch systems, this product line includes frequency converters, uninterruptible power systems (UPS), DC/AC power inverters, power distribution units (PDU) and packaged power plants. Supported programs include Tomahawk, Patriot and Sea Sparrow missile launch systems; UAV control systems for Predator, Fire Bird and Fire Scout; onboard and ground systems for U2 and Aerostat; Air Force and Marine Corps medical air transport; and flight navigation stations such as WAAS throughout North America, South America and other parts of the world.



Product Offerings

- Uninterruptible Power Systems (UPS)
- AC power frequency converters
- AC power supplies/ conditioners
- DC power supplies/ conditioners
- AC & DC Power Distribution Units (PDU)
- Battery modules, battery plants
- Portable, fixed, & rackmount power inverters
- Fuel Cell Power Plants (FPP)
- Rugged stationary or portable generators
- Solar power solutions
- Intelligent monitoring/control interfaces

Airborne Power Features

ETI designs and manufactures many products for use aboard aircraft or in aircraft control stations. Customized enclosures are available to protect this equipment in harsh or hazardous environments. Other available features include:

- Wide range of power ratings
- Choice of enclosure: *portable, embedded or fixed*
- Steel, aluminum or stainless cabinets
- Standard or custom interfaces
- Designed for high altitude and rapid decompression
- Standard or extended battery backup run times
- Flame retardant, maintenance free batteries
- With or without galvanic isolation
- Mix and match input/output voltages and frequencies
- Multi-national autoranging AC input selection
- With or without branch circuit power distribution

Frequency Converters

ETI's frequency converters can change your aircraft power to standard 50/ 60 Hz to use your COTS, CONUS or medical equipment on an aircraft. You can also convert standard 50/ 60 Hz to 400/1000 Hz for testing or ground support.

- Standard and custom input and output voltages
- 1-phase and 3-phase input/output
- Input/output frequencies: 50/60/400/1000 Hz
- NEMA, rackmount, & custom enclosures

Uninterruptible Power Systems (UPS)

- True online design: Computer Grade Power for Critical Loads: 1-60 kVA configurations
- Standard and custom input and output voltages
- 1-phase and 3-phase input/output
- Input/output frequencies: 50/60/400/1000 Hz
- Input power factor correction
- Blackout, brownout & overvoltage protection
- Monitoring and control: RS-232, SNMP, WAN, 10Base-T, and HTTP interfaces
- NEMA, rackmount, & custom enclosures
- Options:
 - Galvanic isolation
 - Integrated PDU saves space
 - EMI/EMC protection
 - Hazardous location protection
 - All weather operation
 - Seismic vibration isolation



DC/AC Power Inverters

- Wide range input is converted to well regulated sinusoidal AC power, 1-phase or 3-phase
- Self contained: Setup without using tools
- Quick connects or hard wired connections
- Hard mount, rackmount, and custom mountings
- Power ratings: 150 - 10,000 watts
- DC to AC galvanic isolation
- Paralleling and load sharing allow multiple modules to be used for greater power range & redundant reliability
- Input voltages: 12, 24, 48, 72, 125 or 200 VDC
- Pure sinusoidal computer grade AC output



ETI's Rugged and Field Proven Designs Increase the Overall Reliability of your Applications.

Power Distribution Units (PDU)

PDUs come in all shapes and sizes to meet our customer's requirements. Features range from simplistic to sophisticated intelligence, from local control to remote control, from commercial-off-the-shelf (COTS) to entirely custom.



Rackmount UPS

Energy Technologies Inc. designs many rackmount UPS for use aboard aircraft or in ground based operations. These units provide global power and can even output 50/60 Hz from aircraft 400 Hz input or vice versa.

ETI's new more powerful 1U high UPS provides a full 13 minutes of backup time at 2000 Watts or 26 minutes at 1000 Watts. This UPS is equipped with an ETI Lithium Iron Phosphate hot-swap battery module. It can be configured for either single phase or three phase applications including field swappable N+1 applications with the ability to parallel up to 32 units. Several options are available to support your applications such as AC and/or DC Inputs, AC and/or DC Outputs, custom output configurations. More details can be found at: www.UltimatePowerSource.com.



Tactical Power®

ETI offers power solutions to meet the demands of medical, computer or communication applications with global AC & DC inputs and isolated outputs in rugged deployable packaging.

- Output power ratings: from 1 to 24 kVA
- Brownout, blackout, overvoltage protection
- Control & monitoring: RS-232, SNMP, WAN, 10Base-T, HTTP & Telnet
- Rackmounts, briefcases, transit cases, NEMA & custom enclosures/ form factors
- Medical Grade Isolation available
- Options:
 - Integrated PDUs
 - Additional Batteries
 - MIL-STD Compliant
 - EMI Protection
- All weather operation

