

Tactical Ice Maker (TIM)

With AC or DC input, the TIM can produce ice cubes for medical ice packs or any other medical application. Designed for rugged and hostile environments, It can also be used as a refrigerator for medical samples, test tubes or food. Optional solar panels are available built into the case to reduce dependance on other power sources. Optional power packs provide a choice for applications that require lightweight, flexible, durable, and/or silent power.



Tactical Medical UPS (TMU)

ETI offers power solutions to meet the demands of medical applications with global AC & DC inputs and medical grade isolated outputs.

- True online design with computer grade or medical grade power for critical loads
- Input Voltages: 85-270 VAC, 40 - 440 Hz
12, 24 or 48 VDC, available
- Output Voltages: 120-240 VAC, 50 or 60 Hz
3.3-125 VDC
- 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
- Options:
 - Integrated PDUs
 - Additional Batteries for up to 24 hrs. of run time
 - MIL-STD Compliant
 - EMI Protection
- All weather operation



Tactical Solar Panels

Unfold these flexible lightweight panels to generate power and/or recharge portable medical devices in the field. Incorporating solid state, thin-film solar cells, these power packs provide an excellent choice for applications that require light, durable & silent power.

- Features:**
- Foldable
 - Up to 120 Watt panels.
 - Parallelable and/or series configurable for higher wattage or voltage.
 - Waterproof & UV resistant.
 - Durable yet flexible.
 - Tough tear resistant nylon.
 - Operates with punctures & holes
 - -40° to 80°C operating temperature range
 - Anti-glint coating
 - Tested to Mil-Std 810E
 - Performance will not decline with age.



About Energy Technologies, Inc.

Energy Technologies, Inc. (ETI) has been working closely with the defense industry for more than 20 years developing innovative power solutions to meet their myriad of requirements and application scenarios. This includes our environmental control units (TECU), backup power systems (AC and DC UPS), global power conditioning (automatic voltage and frequency conversion, AC and DC power supplies) and power generation (engines, solar panels and fuel cells) These are available in both portable and stationary designs with or without intelligent interoperable interfaces. Thousands of the resulting products are currently deployed around the world on the land, sea & air by America's armed forces, Homeland Security and other industries.

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TACTICAL MEDICAL SYSTEMS™



Energy Technologies Inc.

Rugged Power ♦ Global Solutions

www.TacticalMedicalSystems.com

Tactical Medical Products

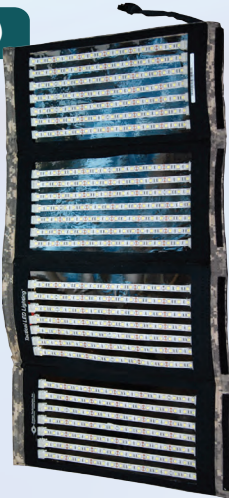
ETI's Range of Rugged Medical Grade Products are here to meet your needs! In a hostile environment, you don't want to hear "The system isn't working." Lives may be at stake, and you need your equipment to function!

ETI's Tactical Medical Products Include:

- **Tactical LED Lighting™ (TLL)**
- **Tactical Shelter Systems® (TSS)**
- **Tactical Refrigerator-Freezer™ (TRF)**
- **Tactical Ice Maker™ (TIM)**
- **Tactical Medical UPS™ (TMU)**
- **Tactical Solar®**

Tactical LED Lighting (TLL)

These flexible panels are fixtures designed to properly illuminate work areas in remote off-the-grid locations or for medical triage in the field. They are lightweight, flexible, weather-proof & high intensity. The high power LEDs are 10x more energy efficient than traditional lighting sources. Their rugged design allows positioning the fixtures where ever you need them. With a lifespan of over 50,000 hours, spare bulbs will not be an issue in the field. TLL can be operated from most power sources including vehicles or battery packs.



TLL can be used for lighting the inside of field hospitals or other shelters.

Tactical Shelter Systems (TSS)

Lightweight, rugged TacticalSolar panels provide shade for both hard and soft walled shelters. This provides a double benefit: keeping the shelters cooler to save energy, while also producing energy. Combine these with ETI's Tactical Fuel Cells® and Portable Wind Turbines to create the next generation, forward, energy, self-sustaining field clinics or hospitals using our Tactical Shelter Systems (TSS):

- Easily deployable, quick set up shelters
- Tactical Solar shading to reduce inside temperatures and any air conditioning requirements
- Tactical Solar Can Be Used to Power:
 - i. Medical Devices
 - ii. Medical refrigeration
 - iii. Computers
 - iv. Lighting
 - v. & even Air conditioning



Benefits & Features

- Power conversion and storage units integrated into rugged portable enclosures providing easy deployment & equipment protection.
- Quick shelter setup in as little as 3-minutes.
- Systems can also use DC input from military or emergency vehicles or input from any AC source.
- Various DC and AC output voltages are available.
- Reduces risk and cost of logistical support.
- Reduces reliance on extra batteries.
- Protects equipment and personnel from weather.
- Panels can also be draped over other structures or vehicles, or simply laid out on the ground.
- Non-reflective solar panels have a matte finish.
- Silent Operation. • Minimal Heat Signature



Tactical Refrigerator-Freezer (TRF)

Energy efficient, light weight Tactical Refrigerator Freezer (TRF) for storage of temperature sensitive medical supplies.

Optional solar panels are available built into the case to reduce dependence on other power sources. Optional power packs provide a choice for applications that require lightweight, flexible, durable, and/or silent power.



Our Rugged Medical Systems are available in Custom Designs to fit Your Applications.

Key TRF Benefits

- 12/24 volts DC; 120/240 volts AC
- Exclusive protected evaporator eliminates the risk of ice-pick damage
- Diagnostic circuitry installed with green and red LED indicator lights
- Full-width freezer compartment
- Features include tray, holder, bin, and adjustable shelves

