

# TacticalGenerator® TacticalPowerPlant® Global Power Solutions



**Energy Technologies Inc.**

Rugged Power ♦ Global Solutions

[www.TacticalPowerPlant.com](http://www.TacticalPowerPlant.com)



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## Generator Maintenance Monitor™:

Monitoring performance, keeping good maintenance records and scheduling preventative maintenance on equipment in the field is usually a difficult task. For example: knowing how well the engine-generator is working, knowing when and what was last serviced and knowing what service to schedule at what time, can be haphazard.

To enhance its Tactical-Generator products, ETI has introduced its patent pending Generator Maintenance Monitor. This innovative device continuously monitors ETI's equipment as well as that of other vendors; logging operating parameters, saving historical records and keeping the operator informed as to when certain maintenance tasks should be scheduled.



The operator interface ranges from digital meters and LED status, alarm and maintenance indicators with audible alarms to SNMP and HTTP computer interfaces.

**You can buy your Power Products from other vendors, but with ETI's versatility in custom designs and our field proven "Rugged" power, why would you?**

## Customer Defined Configurations

Pre-defined and customer defined configurations are available so that you can order just one part number and get a complete, ready-to-go Tactical Power Plant with all the features needed for your specific application. For more details on the TPP plus its available options and accessories, email us, call us or visit the website below:

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## Tactical Generators

ETI's Tactical Generators offer many power options:

- Output is regulated computer grade power vs. most generators which produce noisy, unstable power, less suitable for the reliable operation of electronic equipment.
- Continuous Prime Ratings up to 30 kW
- Various Fuel options: DF-1, DF-2, JP-5, JP8, Gasoline, Natural Gas or Propane. The Diesel and JP-8 fuels are preferred and more logistically available to warfighters in the field.
- Internal fuel tank provides hours of operation at full load. Optional transit cases with fuel bladders available in various capacities.
- The small units are easily man portable.
- Optional DC outputs for batteries or DC loads.
- Various mounting configurations: open frame, skid, trailer or vehicle mounts.
- Transit case versions also available with open or closed door operation.



Visit [www.TacticalGenerator.com](http://www.TacticalGenerator.com) for more details!

## TacticalPowerPlant (TPP)

ETI's unique portable power plant supports mission critical loads anywhere in the world using multiple energy sources. Integrating our global Tactical UPS with our Tactical Generator and/or our Tactical Inverter (with DC input option), the TPP provides seamless computer grade power from the local grid power, auxiliary power units, aircraft, vehicles, JP or diesel fuels.

3 in 1 Application:

- Power Generation
- Power Conditioning
- Emergency Backup
- The TPP can address global input and output voltages and frequencies.:
  - 120/220 VAC
  - 50, 60, 400, or 1000 Hz
  - 12, 24, 48, 72 or 125 VDC
- Optional 12, 24, 48, 72, or 125 VDC Input with universal NATO Slave quick connector.
- Built-In **UPS/Power Conditioner** cleans up any external power source and outputs continuous computer grade power.

## TacticalPowerPlant: (continued)

- Unit Monitoring and Individual Load Control: local and/or remote manually or via TTY or SNMP/HTTP software
- Battery Backup provides uninterrupted operation upon loss of external power sources.
- Automatic Transfer Switch (ATS) selects between internal generator or external power sources to seamlessly keep your equipment operational or allow for orderly shut down.
- External fuel quick connect and management system allows fuel to be brought from external sources via auxiliary fuel inlets. Fuel from vehicles, fuel containers or fuel bladder cases allow longer run-times, extending duration from several hours, to several days at full load.
- The bottom mounting tray slides out of the case for easy maintenance or access to the engine and generator.



## TPP Operation

The UPS in the TPP is always supplying clean, reliable power to the load equipment in all modes of operation. When the TPP is fed from an external power grid, and that power is lost, the UPS continues to supply power to the load without interruption. The automated control system will then start the generator while load equipment continues to operate from the UPS batteries. The generator can run continually based on available fuel sources. When the external power returns, and remains stable for a preset period of time, the unit automatically transitions to the grid source and will shut down the generator. The same scenario is true when operating from a DC source. In all cases, the load only sees seamless electronically generated power.

## Silent Operation

ETI offers totally enclosed versions of the TacticalGenerator and the TacticalPowerPlant. These versions have weather proof fan filter assemblies in the front and rear doors. These doors keep the unit cool even when closed, reducing the thermal signature and audible noise levels. This also allows the units to operate in all weather conditions. Further, it means that the air filters can be cleaned less often and without requiring a shut down of the equipment.

## Built-In Documentation

As most of us know, paper documentation rarely follows equipment into the field. The manuals that make it to the field often are damaged due to rough handling. ETI has a solution. Each of these TacticalPower units incorporate our patent pending eDocs Port™. By connecting to this internal UBS port, the user has ready access to electronic versions of all the units manuals and technical information.

