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TECHNOLOGY GROUP

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Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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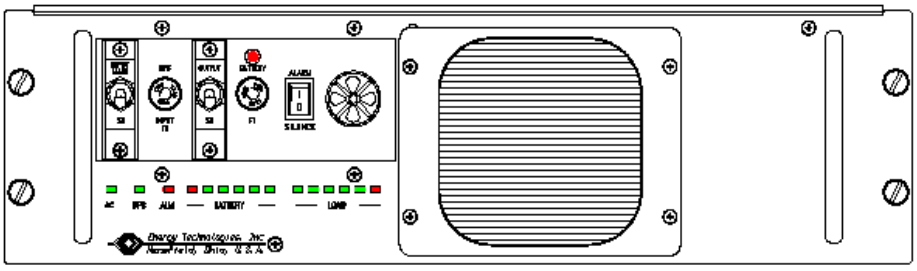
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ETI Part Number:
ETI0001-1237
ETI Model:
ETI0001-S1R-KII/2.0
NSN: 6130-01-462-8656
or 6130-01-470-8743
or 6130-01-470-1368
Ultra Rugged Mil Spec® 2000 VA Rackmount Tactical UPS

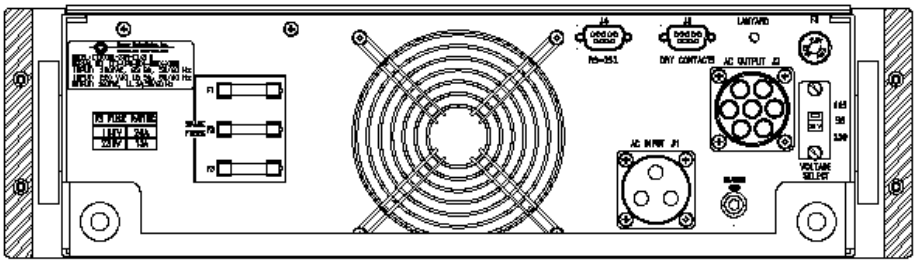
Lockheed Martin P/N: 20534121G01
US Navy P/N: 72206, TAC-4 P/N: S5257-00001
Agilent (HP) P/N:FCO-
ETI0001-S1R

Direct Replacement for:
NSN: 6130-01-530-3056 or 6130-01-523-4761 Milpower Source P/N:M-120BA-1A
AP Labs P/N: 12928
Naval Air Systems Command P/N: 3686AS2946-1

Standard S1R Configuration
Compatible w/ all ATWCS, TTWCS, Tomahawk, TAC-4 and TAC-JW Systems Military Power® Mil Spec Configuration, 2000 VA UPS
Rugged Rack Mount with Global Isolated Input and Input PFC



P/N:
ETI0001-1237 Rugged Mil Spec UPS Standard Front Panel Layout
NSN: 6130-01-462-8656 or NSN: 6130-01-470-8743 or NSN: 6130-01-470-1368



P/N:
ETI0001-1237 Rugged Mil Spec UPS Standard Rear Panel Layout

The field proven Military Power® UPS line is ideally suited for military,industrial, computer and telecommunications applications requiring high reliability, rugged construction, compact size and light weight design.These units are equally suited for use in shipboard, airborne, vehicular, fielddeployed or fixed locations with controlled or uncontrolled environments.The
ETI0001-1237 was specifically designed to mountin the TAC-4 racks and interface with either the TAC-4 PDU or any of numerous ETI PDUs.

The heavy-duty chassis occupies only 5.25" (3U) of rack space while delivering up to2000 VA of clean, uninterruptible power. The rounded metal corners and rugged handles, aidin safe handling. Internally, all major components are well secured and electricallyinsulated to prevent damage due to shock and vibration. The optional heavy-duty rack slides provideeasy installation and removal of the unit with full extension. Rear shockisolation/alignment bushings off load the slides when the unit is fully engaged.

The internal shielded input transformerprovides galvanic isolation with provisions for both domestic(115 VAC, CONUS) and international (230 VAC, OCONUS) input voltages. Theinput voltage selection allows inputting either 115 VAC or 230 VAC without having to open the UPS enclosure. Special EMI/RFI filters and input power factor correction minimize both input current and harmonics. Theunit also operates as a frequency converter, taking 46-70 hertz input and converting it to clean, uninterruptible 60 hertz power. Optionally, 46-440hertz input as well either 50or 400 hertz outputs are available.

The LED arrays keep the operator informed as to the unit's status including load and battery levels. The high intensity audible alarm canbe heard in high noise environments, yet is easily adjustable to suit quieter conditions.All controls and protective devices are brought to front and rear panels with critical switches having finger guards. Further, all front panel devices are recessed to preventdamage or accidental operation.

The rear panel provides locking connectors for the input and output power with various optional configurations available. This reverse air flow version draws air through the front and exhausts out the rearvent into the rack. A removable and washable intake air filter and high capacity stainless steel ballbearing fan provide added protection in both controlled and hostile environments. The batteries are maintenance free with immobilized electrolyte and are constructed of flame retardant materials. For more information, see the Battery Technology section. The two status D shell connectors provide both a contact and serial interface with optional computer software providing loss of AC and low battery status as well as remote shut down capability.

See
ETI0001-1237AA for a new version of this unit with front access, hot swappable, drawout battery module, plus battleshort and elapsed time features. For a side by side comparison of
ETI0001-1237 vs. ETI0001-1237AA, click here.See the Power Distribution Units section for a listing of stand alone PDUs. See the N5 Series
ETI0001-1437 for a version of this UPS with an integrated PDU and remote control.

Overall, the Rugged Power line is uniquely qualified for critical shipboard, vehicle, airborne or land based systems combining advanced modular design features with highly reliable construction.

Technical Specifications:
P/N:
ETI0001-1237
NSN: 6130-01-462-8656 or
NSN: 6130-01-470-8743 or
NSN: 6130-01-470-8743

AC OUTPUT	
Output voltage:	120 VAC true sinewave standard, others optional
Output rating: UPS	2000 VA standard in 3U chassis 0.65-0.75 pf std, optional configurations to 24,000 VA
Non-linear load capacity:	Up to 100% non-linear load capability w/o derating
Output voltage regulation: UPS	± 3.0% static regulation of nominal ± 4.0% dynamic (0 to 50% load step)
Overload surge capacity:	110% for 10 minutes; 125% for 30 seconds
Harmonic distortion:	Less than 5.0% into 100% non-linear load
Output frequency: UPS	60 Hz ± 1.0% independent of input frequency 50, 400 or 1000 Hz output available as an option
Operational status	Status, load and battery LEDs, w/contacts RS-232 asynchronous serial status COM port Adjustable level,+90 dB audible alarm w/on/off
AC INPUT	
Input voltage selection:	Nominal 115 VAC or 230 VAC via selection switch (S6)
Input voltage tolerance: UPS	85-135 VAC or 170-270 @ full load without using battery, to 70 VAC @ 75% load
Input frequency:	From 46 Hz to 70 Hz standard, optional to 440 Hz
Input power factor:	Better than 99% typically
Input/output isolation:	2000 VA, 120 dB common mode, <1.0 mA leakage
Input transient suppression:	Complies with IEEE 587 and UL 1449
Input control/protection:	Guarded 2 pole switch (S1) w/fuse (F2)
Input power connection:	MS 3102A-22-2P, 3 pin, locking
INTERNAL BATTERY	
Battery type:	Maintenance free immobilized electrolyte, Flame retardant materials (Oxygen Index 28+) **See ETI0001-1237AA for a new version with hot swappable battery module**
Battery life:	Rated for continuous service life of 5 years
DC protection:	Front panel mounted fuse standard, breaker optional
Battery time:	15+ minutes @ 100% load, 30+ minutes @ 50%
Battery recharge:	Recharged to nominal in <8 hours

DISTRIBUTION PANEL	
Output circuits:	One output standard, optional configurations
Output control:	Guarded 3 pole switch (S5)
Output receptacles:	MS 3102A-24-10S, 7 pin locking, other options
MECHANICAL	
Dimensions (H x D x W):	5.25 (3U) x 28.0 x 19.0 in (133 x 711 x 483 mm)
Rack Slide Mount Patterns:	Actron/Jonathan slide pattern, others optional
Rack rear alignment pins:	(2) shock isolation/alignment pin/socket sets
Alternate Mounting Options:	Table, Wall, Floor, Portable, Horizontal/Vertical
Unit weight:	155 lb. (70 kg) with lift handles front
Audible noise:	Less than 47 dB @ 5.0 ft., ANSI "A" scale
Cooling type:	High capacity, negative pressure, forced air
Cooling air direction:	Front intake, exhaust to rear, others optional
Air intake filter:	Washable metal filter media, others optional
ENVIRONMENTAL	
Storage temperature:	-40° to 158° F ambient (-40° to 70° C) with fully charged batteries
Operating temperature:	-4° to 131° F ambient (-20° to 55° C), lower/ higher optional
Operating humidity:	0 to 95% relative humidity (non-condensing)
Storage elevation:	Up to 40,000 ft (12,192 m)
Operating elevation:	Up to 15,000 ft (4,572 m), higher optional
STANDARDS	
United States:	Meets UL-1778 standard for UPS equipment, MIL STDs 167-1, 454, 810, 901D Grade A, 1399-300A & 2000
Canada:	CSA C22.2 No. 107 UPS safety requirements
EMI Protection:	EMI/RFI FCC Part 15, Class A; EN55022; MIL STD 461 standard
OPTIONAL ACCESSORIES	
	Autoranging International Input, Emergency Power Off, Elapsed Time Meter, Cold Start, Alternate I/O Configurations, Dual Source Input, Battery Expansion, Batteryless Operation, Battery Charger/Conditioner, Power Distribution Units, Software Interface, 10BaseT Ethernet SNMP/HTTP port, Transport Cases

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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