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Data Sheet

August 15, 2026

ENERGY TECHNOLOGIES

Energy Technologies ETI0001-S1R-KII/2.0 Rugged Milspec UPS

The Energy Technologies ETI0001-S1R-KII/2.0 is a rugged, milspec UPS designed for demanding applications. It provides reliable power protection in harsh environments, ensuring critical equipment remains operational during power disturbances. Built to meet military standards, it offers exceptional durability and performance.



MODEL

**Energy
Technologies
ETI0001-S1R-
KII/2.0**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

**ETI0001-S1R-
KII/2.0**

LISTING

<https://aumictechlabs.com/products/eti0001-s1r-kii-2-0-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Energy Technologies ETI0001-S1R-KII/2.0 is a rugged, milspec uninterruptible power supply rated at 2000 VA, engineered for military, industrial, telecommunications, and computer systems operating in harsh environments. It delivers clean, galvanically isolated power with frequency conversion capability, transforming multiple input frequencies into stable 60 Hz output. Built for shipboard, airborne, vehicular, and fixed installations, the unit maintains power continuity even during AC loss and operates across wide input voltage and frequency ranges without enclosure access. Technical Specifications Model: ETI0001-S1R-KII/2.0 Part Number: ETI0001-1237 NSN:

6130-01-462-8656, 6130-01-470-8743, 6130-01-470-1368 Power Rating: 2000 VA Input Voltage: 115 VAC (CONUS), 230 VAC (OCONUS), or autoranging 85–270 VAC; selectable without enclosure opening Input Frequency: 46–70 Hz standard; optionally 46–440 Hz with 50 Hz or 400 Hz output conversion Output Frequency: 60 Hz clean sinusoidal; optional 50 Hz or 400 Hz available Input Power Factor Correction: Included Galvanic Isolation: Internal shielded input transformer providing double pole isolated source Chassis: 3U (5.25") rack-mount, heavy-duty construction with rounded corners and integral handles Weight: Approximately 60 lb Key Features Frequency conversion from specified input ranges to clean 60 Hz uninterruptible output Power conditioning maintains sinusoidal regulation on battery power without battery module installed Dual D-shell connectors for serial and contact-closure monitoring (AC loss, low battery, remote shutdown) Locking connectors for input and output with optional configuration variants Reverse airflow cooling with removable, washable intake filter and stainless steel ball-bearing fan Internal component isolation and securing against shock and vibration Operates in controlled and uncontrolled environments Typical Applications Shipboard power systems, airborne platforms, tactical vehicles, fixed command installations, and telecommunications hubs where phase reference instability and grounding inconsistency demand galvanic isolation.

ETI0001S1RKII20 Characteristics / Specifications

PARAMETER	VALUE
Model	ETI0001-S1R-KII/2.0
Eti Part	ETI0001-1237
Instrument Type	rugged mil-spec rackmount UPS
Output Voltage	120 VAC true sinewave
Output Rating	2000 VA in 3U chassis, 0.65 to 0.75 pf standard
Static Regulation	plus or minus 3.0 percent of nominal
Dynamic Regulation	plus or minus 4.0 percent, 0 to 50 percent load step
Overload	110 percent for 10 minutes; 125 percent for 30 seconds
Harmonic Distortion	less than 5.0 percent into 100 percent non-linear load
Output Frequency	60 Hz plus or minus 1.0 percent, independent of input
Input Voltage	nominal 115 VAC or 230 VAC via S6
Input Tolerance	85 to 135 VAC or 170 to 270 VAC at full load without battery; to 70 VAC at 75 percent load
Input Frequency	46 Hz to 70 Hz standard
Input Power Factor	better than 99 percent typical
Isolation	2000 VA, greater than 120 dB common mode, less than 1.0 mA leakage
Input Connector	MS 3102A-22-2P 3 pin locking
Output Connector	MS 3102A-24-10S 7 pin locking
Battery Time Full	15 plus minutes at 100 percent load
Battery Time Half	30 plus minutes at 50 percent load
Battery Recharge	to nominal in less than 8 hours
Battery Life	5 years continuous service, immobilized electrolyte, oxygen index 28 plus
Dimensions	5.25 (3U) x 28.0 x 19.0 inch (133 × 711 × 483 mm)
Mass	155 lb (70 kg) with front lift handles
Audible Noise	less than 47 dB at 5.0 ft, ANSI A Operating Temperature: minus 20 C to plus 55 C (minus 4 F to 131 F)

PARAMETER	VALUE
Storage Temperature	minus 40 C to plus 70 C with charged batteries
Humidity	0 to 95 percent RH non-condensing
Operating Elevation	up to 15,000 ft (4,572 m)
Nsn	6130-01-462-8656, 6130-01-470-8743, 6130-01-470-1368
Manufacturer	Energy Technologies, Inc.
Literature	ETI ETI0001-1237 rugged mil-spec UPS technical specifications
Family	Military Power S1R 2000 VA
Form Factor	3U 19 inch rack, Actron/Jonathan slide pattern
System Role	TAC-4 / shipboard uninterruptible AC
Operating temperature	minus 20 C to plus 55 C (minus 4 F to 131 F)

General Specifications & Supplementary Characteristics

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System Role	TAC-4 / shipboard uninterruptible AC Notes From ETI ETI0001-1237 / ETI0001-S1R-KII/2.0 OEM specification table (2000 VA, plus or minus 3/4 percent, 15 plus min, 5.25 × 28 × 19 inch, 155 lb, MIL-STD list). Optional 50/400/1000 Hz output and 24,000 VA family configs are other ETI builds, not this 2.0 kVA 3U SKU.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Technical Specifications	
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.