

Industrial UPS 1000



INDUSTRIAL SERIES

The Acumentrics **Industrial-UPS 1000** is designed for worldwide deployment in harsh physical and electrical environments.

Our **Industrial-UPS 1000** is uniquely suited for use in demanding mobile, transportation, exploration, mining, and remote-monitoring applications. The **Industrial-UPS** provides 1000VA of nominal 115VAC output from an input range of 80-265 VAC / 47-63Hz. This wide voltage and frequency tolerance enables users to power up with field generators on any international power standard.

Our durable and versatile UPS system contains advanced on-line technology to provide highly reliable power back-up and conditioning for the most sensitive electronic devices.

Power-conditioner only units are also available for voltage step-down, conversion, and other applications where a battery is not required.

Acumentrics designs and manufactures innovative products for power quality and on-site generation. Product lines include tubular solid oxide fuel cell systems, uninterruptible power supplies, and inverters.

Call today: 800-332-0277

FEATURES:

Power Factor Corrected, Wide Input Range

The **Industrial-UPS 1000** accepts a wide range of voltage and frequency inputs while providing seamless active power-factor correction and clean, reliable AC power.

On-line

This true on-line, double conversion uninterruptible power supply continually creates a pure sine wave AC output from a DC bus.

User-Replaceable Battery Pack

Zero-maintenance, valve-regulated lead acid batteries are enclosed in a user-replaceable battery pack for rapid, hot-swap replacement.

Wide Operating Temperature Range

A rated operating temperature range of -18°C to +50°C (0°F – 122°F) makes this UPS the product of choice for extreme environments.

Communication Port

The microprocessor-controlled **Industrial-UPS 1000** is equipped with a 9-pin communication port for user interface and remote monitoring.

BENEFITS:

- Protects sensitive equipment from surges, spikes, brownouts blackouts, and noise.
- Easy to maintain.
- Wide Operating Temperature Range.
- Easy to monitor.

OPTIONAL FEATURES:

Conditioner Only

For applications where battery backup is not required, the **Industrial-UPS** is available as a power line conditioner only.

Rackmount

Stainless steel, slide-rail rackmount kits are available to fit 19" racks, with depths of 24-30".

BENEFITS:

- Protects sensitive equipment from surges, spikes, brownouts, blackouts, noise.
- Easy to maintain.
- Wide Operating Temperature Range
- Easy to monitor.

MODELS:

ACG1000D: AC Input, AC Output, Battery

ACG1000C: AC Input, AC Output, Power Conditioner only

INPUT SPECIFICATIONS

Input AC Voltage: 80-265 VAC

Frequency: 47-63 Hz

AC Input Circuit Breaker Rating: 20A

Input Power Factor: 0.99 typical

Efficiency with 800W load: ACu = 0.80

OUTPUT SPECIFICATIONS

Continuous Output Power: 1000VA

Load Crest Factor: 2.2 continuous

AC Output Voltage: 115 VAC +/- 5%

AC Output Frequency: 60 Hz +/- 0.5%

AC Output Waveform: Sinusoidal

Total Harmonic Distortion: 1.5% with 1000W resistive load

ENVIRONMENTAL

Operating Temperature: -18° C to 50° C

Storage Temperature: -32° C to 66° C

Humidity: 10% to 95%

Altitude: 0 to 15,000 ft operating, 0 to 40,000 ft non-operating

EMI: FCC Class A pending

BATTERY SPECIFICATIONS

Battery: 12V/7A (4 ea.)

Type: Zero-maintenance VRLA

Typical Run Time: up to 8 minutes at 800W

Recharge Time: 2 hours to 90%

MECHANICAL:

Chassis Size (H x W x D): 3.5" x 17" x 24"

Weight: 75 lbs. with battery

Connectors:

AC Input: 6' line cord with NEMA 5-15P

AC Output: NEMA 5-15R (4 ea.)

Monitoring Software: SNMP Pending

Case: Steel

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ISO 9001:2008 Certified

Acumentrics