

1kVA Double Conversion Unit



Product Description

The Multilink Double Conversion UPS is an uninterruptible power supply designed to provide high quality, stable AC power to critical equipment that requires continuous, regulated power. With a pure sine wave output, the Multilink Double Conversion UPS provides less electrical interference to sensitive loads with zero loss in output power. With 4 LEDs and a 4 line LCD display, UPS operating statistics scroll across the screen to provide at-a-glance monitoring. Ethernet connectivity is standard and includes an on-board web page for status monitoring and configuration. Compatibility with generators using the Safety Automatic Transfer Switch (SATS) provides lasting back-up power during long utility outages and low battery shutdown. With 3 models to choose from, The Multilink Double Conversion UPS is scalable to provide the most efficiency with superior confidence.

Features & Benefits

- Pure Sine Wave Output
- Power Factor Corrected Input
- Temperature Controlled Battery Charger
- Temperature Controlled Fans
- Overload Protection
- Multi-Stage Battery Charger
- LCD Display with 4 LED's
- Duplex Outlet

Specifications

Parameter	Specification
Output Power:	1kVA (0.7kW)
Cooling:	Forced Air
Number of phase / wire:	AC Input - Single-Phase / 3 wire AC Output - Single-Phase / 3 wire
Nominal Voltage:	AC Input - 1kVA @120V AC Output - 1kVA @120V
Voltage Range:	85V to 135V
Frequency:	AC Input - 60Hz AC Output - 60Hz
Frequency Range:	Input: $\pm 5\%$ Output: $\pm 5\%$ Normal Operation: $\pm 1\%$ Max. Battery Operation: $\pm .5\%$ Max.
Input Protection	30A Breaker
Power Factor:	AC Input - .95 Min (<1% Input Voltage Distortion / Lag) AC Output - .7
Voltage Regulation:	$\pm 2\%$ Max.
Voltage Distortion:	Linear Load - 3% Max. Non-Linear Load - 7% Max.
Transient Voltage Regulation:	Input Voltage Step - $\pm 5\%$ Max. 100% Step Load - $\pm 5\%$ Max.
Overcurrent Capacity	110% for 10 minutes 200% for .05 seconds 150% for 10 seconds (45 second interval)
Overcurrent Protection:	Bypass Non-Hit Change (Auto Return)
Battery Type:	AGM or GEL
Battery Backup Time:	Up to 8 Hrs. or Longer
Environment Temperature Range:	-34°C to +74°C (-29°F to 164°F)
Standards:	UL1778
Construction:	DSP (Digital Signal Processing) & IGBT throughout

Contact Us

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