

1kVA Double Conversion Unit

010-028-20



Product Description

The Multilink EDP 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 EDP 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 embedded 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 EDP 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

General Specifications	
Parameter	Specification
Dimensions:	17.25"W x 3.485"H x 13.625"D
Output Power:	1.0kVA (0.7kW)
Cooling:	Forced Air
Number of phase / wire:	Single-Phase / 3 wire
Nominal Voltage:	120VAC
Voltage Range:	55V - 150V (Load Dependent)
Frequency:	AC Input/Output - 60Hz
Battery Voltage:	24VDC
Frequency Range:	Input: $\pm 8\%$ Output: $\pm 2\%$ Battery Operation: $\pm 1\%$
Input Protection	20A Circuit Breaker
Overcurrent Capacity:	105% for 10 minutes 150% for 10 seconds (45 second interval) 200% for .05 seconds
Overcurrent Protection:	Bypass Non-Hit Change (Auto Return)
Battery Type:	AGM or GEL
Battery Backup Time:	Up to 8 Hrs. or Longer (Load Dependent)
Environment Temperature Range:	-37°C to +74°C (-29°F to 165°F)
Protocols:	TCP/IP, HTTP, SNMP, SNTP, SMTP, NTCIP, FTP, UDP, SSH, TFTP
Standards:	UL1778 CE:IEC62040-1:2008
Construction:	DSP (Digital Signal Processing) & IGBT throughout

Contact Us

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Specifications Cont.

Ethernet Communication Card	
Parameter	Specification
CPU:	Microchip PIC24HJ128/ENC44J600
Memory:	1MB Flash
Peripherals:	Real Time Clock
Software:	Microchip
Network Interface:	10/100 BaseT with Auto-Detect
Connection:	RJ45 with LEDs
Power Supply:	12-60VDC, 200mA max
Protocols	TCP/IP, HTTP, SNMP, SNT, SMTP, NTCIP, FTP, UDP, SSH, TFTP
Operating Range:	-40°C to +74°C
Humidity:	5 to 95%
Mounting:	Embedded Card on Front Panel
Connectors:	RJ11; Two, Nine Position Terminal Blocks
Web Browsers:	Chrome, IE, FireFox, Safari, Edge
Operating Systems:	Windows, OS, Linux
Firmware Upgrades:	Embedded webpage or TFTP upgradeable

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