

## 2kVA Double Conversion Unit

010-030-20



### 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
<b>Dimensions:</b>	17.25"W x 5.250"H x 13.625"D
<b>Output Power:</b>	2.0kVA (1.4kW)
<b>Cooling:</b>	Forced Air
<b>Number of phase / wire:</b>	Single-Phase / 3 wire AC Output - Single-Phase / 3 wire
<b>Nominal Voltage:</b>	120VAC
<b>Voltage Range:</b>	55V - 150V (Load Dependant)
<b>Frequency:</b>	AC Input/Output - 60Hz
<b>Battery Voltage:</b>	48VDC
<b>Frequency Range:</b>	Input: $\pm 8\%$ Output: $\pm 2\%$ Battery Operation: $\pm 1\%$
<b>Input Protection</b>	20A Circuit Breaker
<b>Overcurrent Capacity:</b>	105% for 10 minutes 150% for 10 seconds (45 second interval) 200% for .05 seconds
<b>Overcurrent Protection:</b>	Bypass Non-Hit Change (Auto Return)
<b>Battery Type:</b>	AGM or GEL
<b>Battery Backup Time:</b>	Up to 8 Hrs. or Longer (Load Dependant)
<b>Environment Temperature Range:</b>	-37°C to +74°C (-29°F to 165°F)
<b>Protocols:</b>	TCP/IP, HTTP, SNMP, SNTP, SMTP, NTCIP, FTP, UDP, SSH, TFTP
<b>Standards:</b>	UL1778 CE:IEC62040-1:2008
<b>Construction:</b>	DSP (Digital Signal Processing) & IGBT throughout

### Contact Us

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## Specifications Cont.

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

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