

PULL THE PLUG ON POWER OUTAGES

UNINTERRUPTIBLE POWER MANAGER



ETA's Uninterruptible Power Manager (UPM) provides conditioned uninterruptible power in five sizes from 350 VA to 1440 VA

FEATURES

Front panel indicators for load level, battery charge level, buck mode, boost mode, input voltage nominal, on battery, replace battery, overload, and output receptacle status.

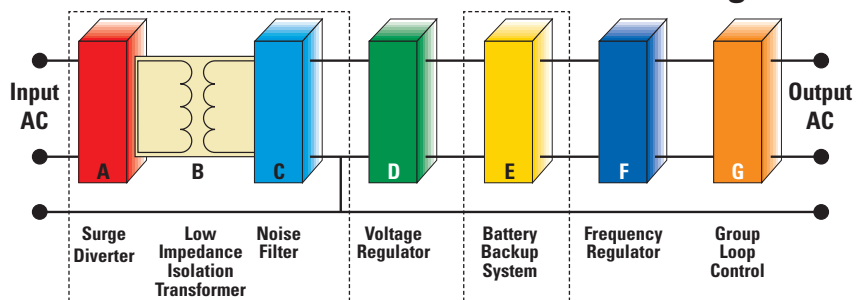
- Rear panel site wiring fault indicator
- Front panel on/off control
- Front panel test switch
- User hot swappable battery pack
- Programmable load shedding output receptacles
- Configurable input voltage to accommodate site specific voltage variations
- Programmable inverter set points
- Rear panel DB9 connector for interface to host computer (uses optional management software package)

There's nothing more frustrating to an audio or video professional than a power outage. And there's nothing quite like the unnecessary expense of studio downtime or the cost of equipment damage that's caused by power quality problems. Power disturbances are an ever present threat. EPRI (the Electric Power Research Institute) reports that the average electrical system in North America experiences nearly **88 hours per year in which power quality problems can disrupt, damage, or destroy electronic equipment and interfere with your work and creativity***

Now you can pull the plug on power problems with the Uninterruptible Power Manager (UPM) from ETA Systems. It keeps your system running when power goes out, and it works fulltime to prevent an array of power quality problems like high energy surges, high frequency noise, and common mode voltage. Why? Because it incorporates a low impedance isolation transformer, a surge diverter and a noise filter as part of its proven design. And when power does go out, ETA's UPM provides clean, low distortion, sinewave power to your delicate electronics – something that most other UPS products just don't do.

Add in ETA's industry leading warranty of 5 years on the electronics and 2 years on the battery, and you have a perfect solution for your mission critical audio and video applications. No more downtime, no more lost creative hours, no more expensive hardware repairs. Count on ETA Systems to have the solution.

The ABC's of Power Conditioning



* Source: Electric Power Research Institute (EPRI, 2002)



UPM SPECIFICATIONS

MODELS

North American

VA/Watts	Input/Output Voltage* (VAC)	Output Current (Amps)	Frequency	Inverter waveform on battery	T.H.D on battery	Input Voltage Range without Using Battery	Backup time Full load/half load	Safety Agency Listing	Shipping Weight
350/280	120/120	2.9	60 Hz.	Sinewave	<3%	96-151 volts	6/20 minutes	UL1778, cUL1778	31 lbs.
500/325	120/120	4.2	60 Hz.	Sinewave	<3%	96-151 volts	6/20 minutes	UL1778, cUL1778	37 lbs.
800/520	120/120	6.7	60 Hz.	Sinewave	<3%	96-151 volts	6/20 minutes	UL1778, cUL1778	43 lbs.
1100/715	120/120	9.0	60 Hz.	Sinewave	<3%	96-151 volts	6/20 minutes	UL1778, cUL1778	65 lbs.
1440/936	120/120	12.0	60 Hz.	Sinewave	<3%	96-151 volts	6/20 minutes	UL1778, cUL1778	69 lbs.

International

350/280	230/230	1.5	50 Hz.	Sinewave	<3%	181-290 volts	6/20 minutes	VDE, CE Mark	17 kg.
500/325	230/230	2.2	50 Hz.	Sinewave	<3%	181-290 volts	6/20 minutes	VDE, CE Mark	17 kg.
800/520	230/230	3.5	50 Hz.	Sinewave	<3%	181-290 volts	6/20 minutes	VDE, CE Mark	20 kg.
1100/715	230/230	4.8	50 Hz.	Sinewave	<3%	181-290 volts	6/20 minutes	VDE, CE Mark	29 kg.
1440/936	230/230	6.3	50 Hz.	Sinewave	<3%	181-290 volts	6/20 minutes	VDE, CE Mark	29 kg.

GENERAL SPECIFICATIONS

- Dimensions: 350 VA – 6.6" H x 5.0" W x 17.5" D, 500 & 800 VA – 8.0" H x 5.8" W x 17.5" D, 1100 & 1440 VA – 9.0" H x 8.3" W x 19.5" D
- Construction: Steel chassis and enclosure
- Color: Gray

OPTIONAL MANAGEMENT SOFTWARE

Optional management software provides full monitoring of UPM operation including input/output voltage, power line frequency, battery capacity, internal UPM temperature, UPM load information, and power outage history. Software also provides control of UPM operation including inverter set points, input voltage configuration, automatic testing programs, automatic power on and off, controlled shutdown of connected equipment, staged shutdown of output receptacles. Also provides capability to send email warnings and electronic pages regarding alert conditions.

* Configurable for 100 Volt Operation in Japan.

PERFORMANCE SPECIFICATIONS:

NOISE REJECTION-ISOLATION: With unit under power and an ANS/IEEE C62.41 Cat. A pulse (6000 V @ 200 amps, 0.5 usec risetime, 100 kHz decay) applied either normal or common mode at the input, the noise output voltage will be less than 10V normal mode and less than 0.5V common mode in all four quadrants (CM-NM, NM-NM, CM-CM, NM-CM).

SURGE VOLTAGE WITHSTAND CAPABILITY: Tested under power to ANS/IEEE C62.41 Cat. A & B (formerly IEEE587-1980). Cat. A - 6000V @ 200 amps, 0.5 usec risetime, 100 kHz decay, Cat. B - 6000V @ 500 amps, 0.5 usec risetime, 100 kHz decay.



ETA SYSTEMS

1450 Lakeside Drive, Waukegan, IL 60085
 1-800-321-6699
 (PH#) 330-677-4424
 (FAX) 330-677-4471

Email: eta@etasys.com
 World Wide Web: www.etasys.com