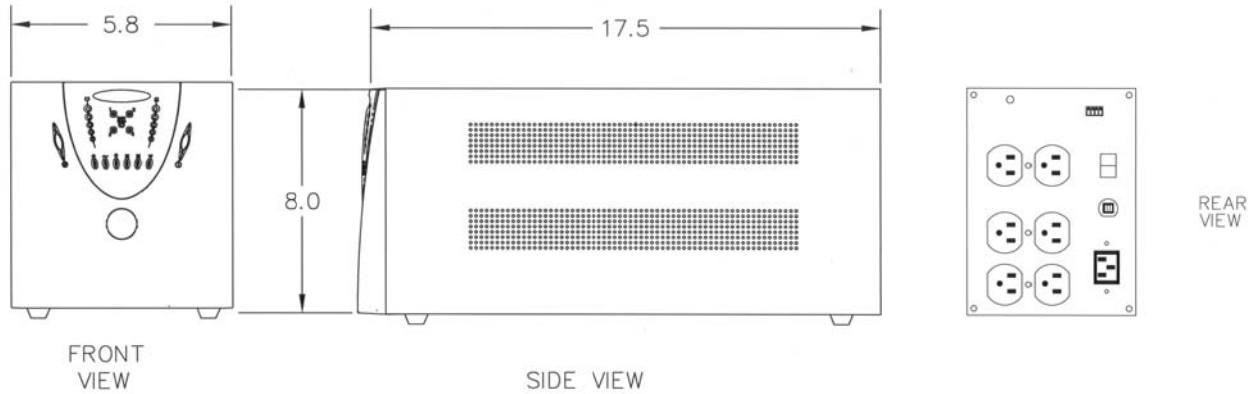


## North American Uninterruptible Power Managers "C" Case Enclosure



	UPM-500NA Part # E54050-03	UPM-800NA Part # E54080-03
Type	Standard	Standard
VA Rating	500	800
Watt Rating	325	520
Inverter Waveform	Low distortion sine wave	Low distortion sine wave
Transfer time	4 ms. typical	4 ms. typical
Frequency	60 Hz.	60 Hz.
BTU/Hr. Output	125	200
T.H.D. Max. %	<3% on battery	<3% on battery
On Line Efficiency	93%	92%
Input Voltage	120	120
Input Current	4.5 amps	7.0 amps
Output Voltage	120	120
Output Current	4.2 amps	6.7 amps
Input Voltage Range Without Using Battery	96—151 volts	96—151 volts
Output Regulation (on line)	± 10%	± 10%
Output Regulation (on battery)	± 5%	± 5%
Backup time (full/half load)	6/20 minutes	6/20 minutes
Wall mountable	Yes	Yes
Communications Interface	DB9	DB9
Safety Agency Listing	UL1778 and cUL1778	UL1778 and cUL1778
Shipping Weight (lbs.)	37	43

## Front Panel Controls

- Power On/Off
- Test
- Load Level LED Gauge
- Battery Charge LED Gauge
- Output receptacle status
- Voltage Manager Boost LED
- Voltage Manager Nominal LED
- Voltage Manager Buck LED
- On Battery LED
- Replace Battery LED
- Overload LED

## Rear Panel Information and Controls

- 6 foot power cord with NEMA 5-15P plug
- Six (6) NEMA 5-15R receptacles controllable via Communications Manager software in two groups
- Configuration Manager DIP switches
- Communications Manager DB9 port\*
- Circuit Breaker
- AC Inlet Module
- Start Manger Enable switch (to allow cold starting UPM on internal battery when no AC power is present)
- Site Wiring Fault LED

## Internal Batteries

- User hot-swappable (see instruction manual)
- Type - 12 volt, 4.5 amp-hour (500 VA)  
12 volt, 7 amp-hour (800 VA)
- Quantity - 2 pieces
- Recharge time - 4 hours

## Environmental

- Temperature - 0 - +40<sup>0</sup> C (32 - 104<sup>0</sup>F) Operating  
-20 - +60<sup>0</sup> C (-40 - +140<sup>0</sup> F) Shipment,  
Storage
- Humidity - 5 - 90% non-condensing (Operating,  
Shipment, Storage)
- Altitude - 3,000m (10,000 ft.) max. (Operating,  
Shipment, Storage)

**NOISE REJECTION-ISOLATION:** With unit under power and an ANSI/IEEE C62.41Cat. A pulse 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 ANSI/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.

**Warranty/Support:** ETA Systems warrants the electronics and transformers used in its uninterruptible power managers to be free from defects in materials and workmanship for a period of five years from the date of shipment. Batteries are warranted for a period of two years from the date of shipment. For service or support on any ETA Systems product, please contact ETA Systems Technical Support at (800) 321-3388.