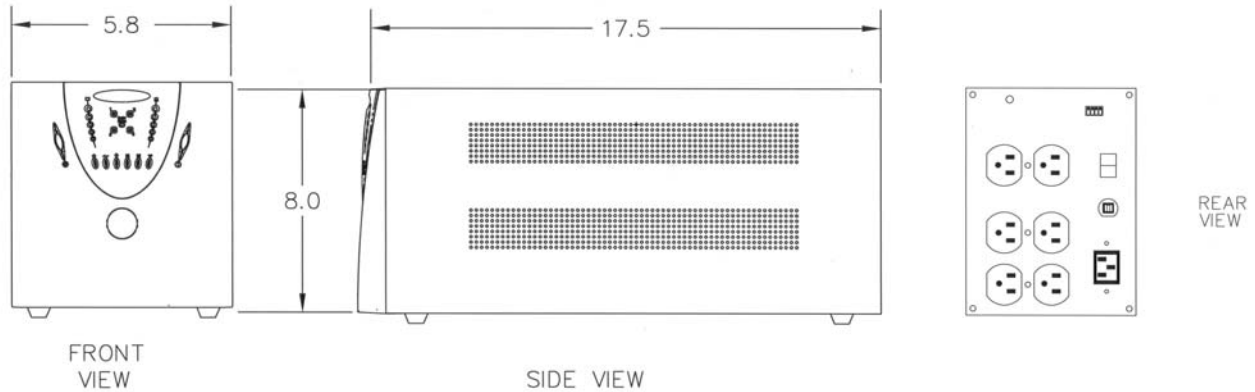


## North American Uninterruptible Power Managers “C” Case Enclosure



	<b>UPM-500NA</b> <b>Part # 54050-03E</b>	<b>UPM-800NA</b> <b>Part # 54080-03E</b>
<b>Type</b>	Standard	Standard
<b>VA Rating</b>	500	800
<b>Watt Rating</b>	325	520
<b>Inverter Waveform</b>	Low distortion sine wave	Low distortion sine wave
<b>Transfer time</b>	4 ms. typical	4 ms. typical
<b>Frequency</b>	60 Hz.	60 Hz.
<b>BTU/Hr. Output</b>	125	200
<b>T.H.D. Max. %</b>	<3% on battery	<3% on battery
<b>On Line Efficiency</b>	93%	92%
<b>Input Voltage</b>	120	120
<b>Input Current</b>	4.5 amps	7.0 amps
<b>Output Voltage</b>	120	120
<b>Output Current</b>	4.2 amps	6.7 amps
<b>Input Voltage Range Without Using Battery</b>	96—151 volts	96—151 volts
<b>Output Regulation (on line)</b>	± 10%	± 10%
<b>Output Regulation (on battery)</b>	± 5%	± 5%
<b>Backup time (full/half load)</b>	6/20 minutes	6/20 minutes
<b>Wall mountable</b>	Yes	Yes
<b>Communications Interface</b>	DB9	DB9
<b>Safety Agency Listing</b>	UL1778 and cUL1778	UL1778 and cUL1778
<b>Shipping Weight (lbs.)</b>	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.