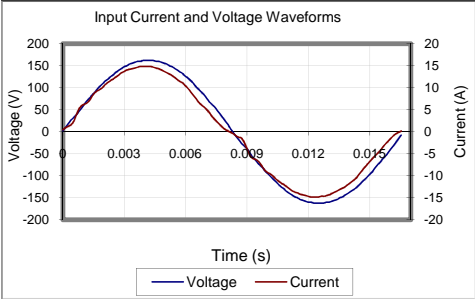


# 80 PLUS Verification and Testing Report

|                                       |               |
|---------------------------------------|---------------|
| <b>TYPICAL EFFICIENCY (50% Load):</b> | <b>87.43%</b> |
| <b>AVERAGE EFFICIENCY :</b>           | <b>85.56%</b> |
| <b>80 PLUS COMPLIANT:</b>             | <b>YES</b>    |



|                      |                 |
|----------------------|-----------------|
| <b>Ecos ID #</b>     | 1176.1          |
| <b>Manufacturer</b>  | COUGAR          |
| <b>Model Number</b>  | CGR B2-1000     |
| <b>Serial Number</b> | NA              |
| <b>Year</b>          | 2008            |
| <b>Type</b>          | ATX12V & EPS12V |
| <b>Test Date</b>     | 12/2/2008       |

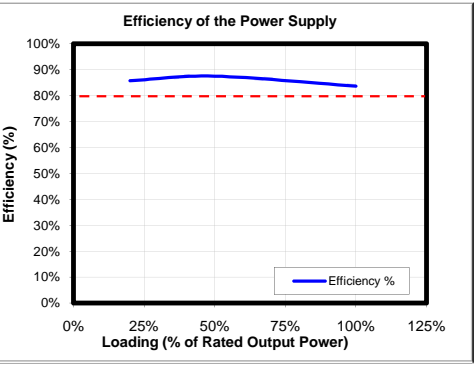
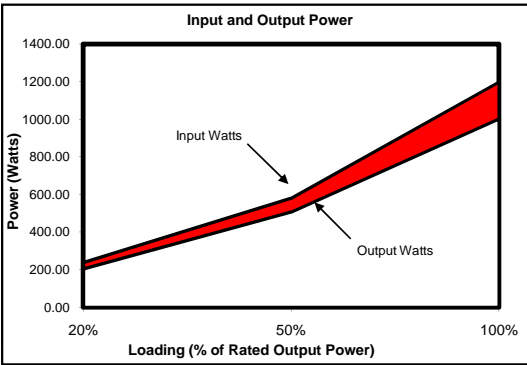


| Rated Specifications      | Value       | Units        |
|---------------------------|-------------|--------------|
| Input Voltage             | 115-240     | Volts        |
| Input Current             | 15-10       | Amps         |
| Input Frequency           | 50-60       | Hz           |
| <b>Rated Output Power</b> | <b>1000</b> | <b>Watts</b> |

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.

Input AC Current Waveform (ITHD = 10.45%, 50% Load)

| I <sub>RMS</sub><br>A | PF   | I <sub>THD</sub> (%) | Load (%) | Fraction of Load | Input Watts | DC Terminal Voltage (V)/ DC Load Current (A) |  |  |  |  | Output Watts | Efficiency % |
|-----------------------|------|----------------------|----------|------------------|-------------|--|--|--|--|--|--------------|--------------|
|                       |      |                      |          |                  |             | 12V (cumulative of 12V1, 12V2, etc.)         |  |  |  |  |              |              |
| 2.17                  | 0.96 | 20.31%               | 20%      | Light            | 238.82      | 12.3/14                                      |  |  |  |  | 204.59       | 85.67%       |
| 5.11                  | 0.99 | 10.45%               | 50%      | Typical          | 580.31      | 12.2/34.9                                    |  |  |  |  | 507.37       | 87.43%       |
| 10.46                 | 1.00 | 5.82%                | 100%     | Full             | 1199.20     | 12/69.7                                      |  |  |  |  | 1002.48      | 83.60%       |



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS® Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>

