

## 80 PLUS Verification and Testing Report

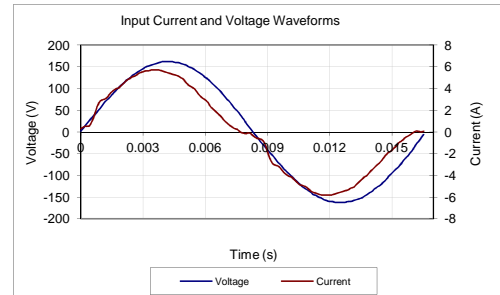
|                                |        |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 86.86% |
| AVERAGE EFFICIENCY :           | 85.18% |
| 80 PLUS COMPLIANT:             | YES    |



|               |              |
|---------------|--------------|
| Ecos ID #     | 2420.6       |
| Manufacturer  | SENTEY       |
| Model Number  | MBP750-HS(M) |
| Serial Number | N/A          |
| Year          | 2011         |
| Type          | ATX12V       |
| Test Date     | 1/20/2011    |

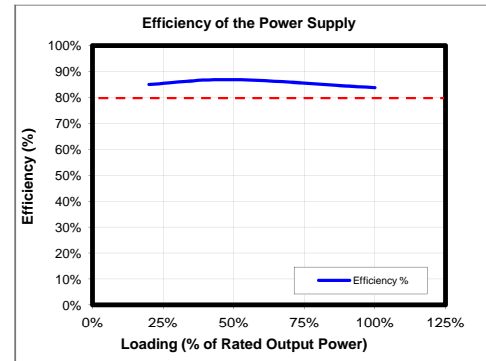
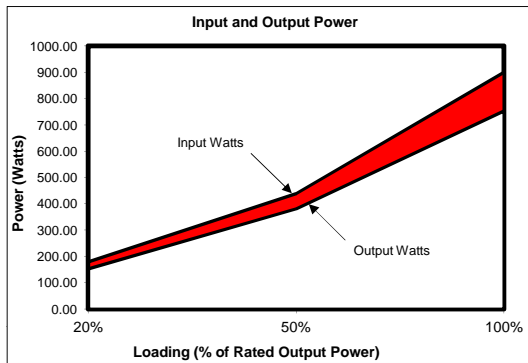
| Rated Specifications | Value   | Units |
|----------------------|---------|-------|
| Input Voltage        | 100-240 | Volts |
| Input Current        | 10      | Amps  |
| Input Frequency      | 50-60   | Hz    |
| Rated Output Power   | 750     | Watts |

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



Input AC Current Waveform (ITHD = 11.56%, 50% Load)

| I <sub>RMS</sub><br>A | PF   | I <sub>THD</sub> (%) | Load<br>(%) | Fraction<br>of Load | Input<br>Watts | DC Terminal Voltage (V)/ DC Load Current (A) |          |          |          |         | Output<br>Watts | Efficiency<br>% |
|-----------------------|------|----------------------|-------------|---------------------|----------------|----------------------------------------------|----------|----------|----------|---------|-----------------|-----------------|
|                       |      |                      |             |                     |                | 12V (cumulative of 12V1, 12V2, etc.)         | -12V     | 3.3V     | 5V       | 5Vsb    |                 |                 |
| 1.63                  | 0.96 | 21.14%               | 20%         | Light               | 180.29         | 12.2/10.2                                    | 12/0.1   | 3.4/2.9  | 5.2/3    | 5.1/0.6 | 153.20          | 84.98%          |
| 3.92                  | 0.98 | 11.56%               | 50%         | Typical             | 439.30         | 12.1/25.5                                    | 12/0.1   | 3.4/7.3  | 5.2/7.4  | 5.1/1.4 | 381.59          | 86.86%          |
| 7.90                  | 0.99 | 7.31%                | 100%        | Full                | 900.60         | 12/50.9                                      | 12.2/0.3 | 3.3/14.6 | 5.1/14.7 | 5/2.8   | 753.79          | 83.70%          |



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/>

