

80 PLUS Verification and Testing Report

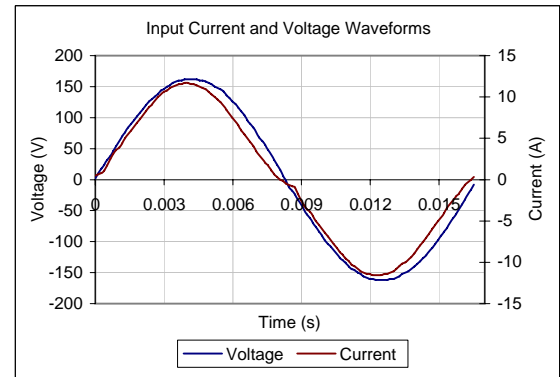
| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 84.62% |
| AVERAGE EFFICIENCY : | 82.33% |
| 80 PLUS COMPLIANT: | YES |



| | |
|----------------------|-----------|
| Ecos ID # | 500 |
| Manufacturer | Powerex |
| Model Number | XF-750AMC |
| Serial Number | NA |
| Year | 2008 |
| Type | ATX12V |
| Test Date | 1/10/2008 |

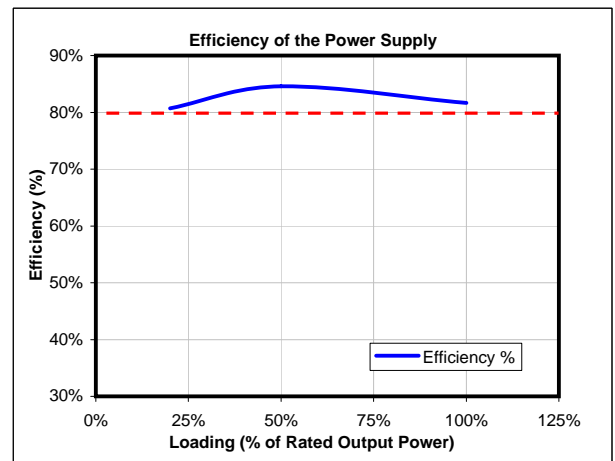
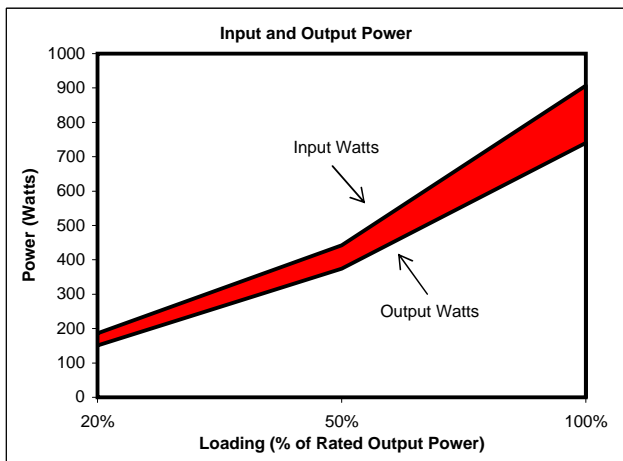
| Rated Specifications | Value | Units |
|-----------------------------|--------------|--------------|
| Input Voltage | 100-240 | Volts |
| Input Current | 15 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 750 | Watts |

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



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

| I_{RMS} A | PF | I_{THD} (%) | Load (%) | Fraction of Load | Input Watts | DC Terminal Voltage (V)/ DC Load Current (A) | | | | | Output Watts | Efficiency % |
|------------------------------|-----------|----------------------------|---------------------|-----------------------------|------------------------|---|-------------|-------------|------------|-------------|-------------------------|-------------------------|
| | | | | | | 12V (cumulative of 12V1, 12V2, etc.) | -12V | 3.3V | 5V* | 5VSB | | |
| 1.67 | 0.97 | 14.0% | 20% | Light | 187 | 12/9.5 | 12.2/0.1 | 3.3/3.8 | 5.1/3.8 | 5.1/0.5 | 151 | 80.72% |
| 3.89 | 0.99 | 10.5% | 50% | Typical | 443 | 12/23.9 | 12.2/0.3 | 3.3/9.5 | 5/9.5 | 5/1.2 | 375 | 84.62% |
| 7.93 | 0.99 | 9.1% | 100% | Full | 907 | 11.9/47.7 | 12.3/0.6 | 3.2/19 | 4.9/19 | 4.9/2.4 | 740 | 81.65% |



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/>

