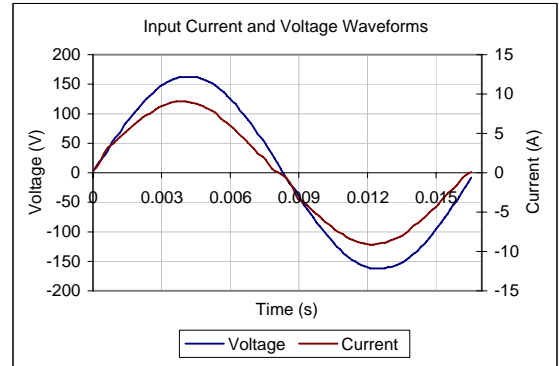


80 PLUS Verification and Testing Report



| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 84.57% |
| AVERAGE EFFICIENCY : | 82.70% |
| 80 PLUS COMPLIANT: | YES |

| | |
|----------------------|----------------|
| Ecos ID # | 636 |
| Manufacturer | HIGH POWER |
| Model Number | HP-600-G14S(C) |
| Serial Number | NA |
| Year | 2008 |
| Type | ATX12V |
| Test Date | 4/29/2008 |

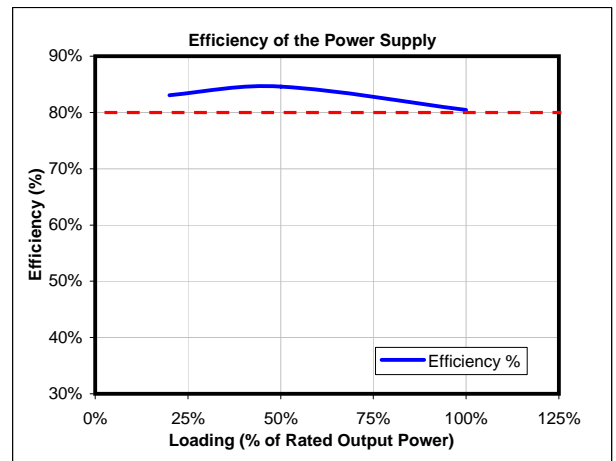
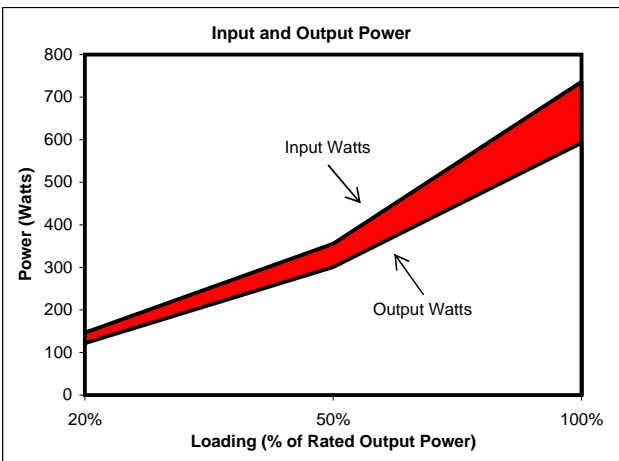


Input AC Current Waveform (ITHD = 6.01%, 50% Load)

| Rated Specifications | Value | Units |
|---------------------------|------------|--------------|
| Input Voltage | 100-240 | Volts |
| Input Current | 10 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 600 | Watts |

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

| 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 | | |
| 1.32 | 0.96 | 16.7% | 20% | Light | 147 | 0/7.6 | 12/0 | 3.4/3.2 | 5/3.2 | 5.1/0.5 | 122 | 83.07% |
| 3.15 | 0.98 | 6.0% | 50% | Typical | 356 | 0/18.9 | 12.1/0.1 | 3.3/8.1 | 4.9/8.1 | 5/1.1 | 301 | 84.57% |
| 6.43 | 1.00 | 2.8% | 100% | Full | 736 | 0/37.7 | 12.3/0.3 | 3.2/16.1 | 4.8/16.1 | 4.9/2.2 | 592 | 80.45% |



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.



Tested by Electric Power Research Institute, Knoxville, TN.