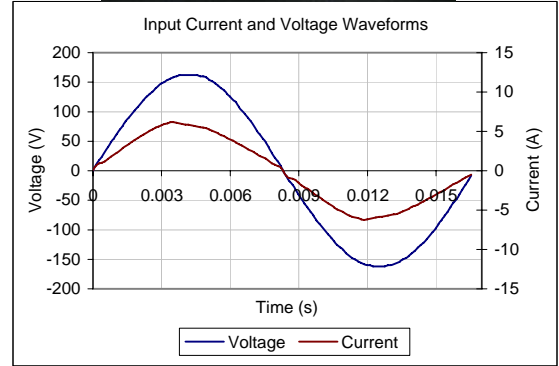


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load): 85.98%
AVERAGE EFFICIENCY : 84.21%
80 PLUS COMPLIANT: YES

| | |
|----------------------|------------------|
| Ecos ID # | 942 |
| Manufacturer | FSP |
| Model Number | FSP400-60EPN(80) |
| Serial Number | NA |
| Year | 2008 |
| Type | ATX12V |
| Test Date | 9/26/2008 |

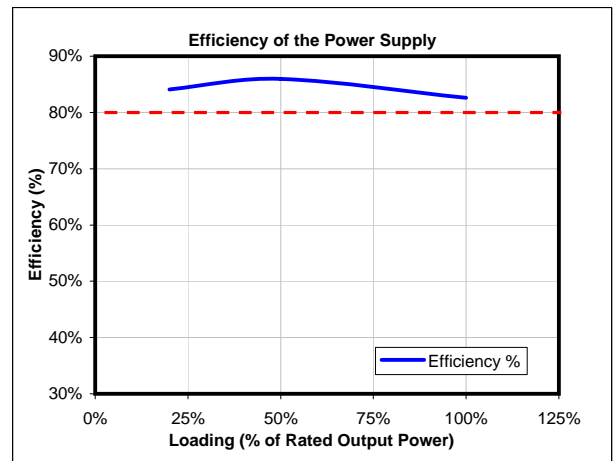
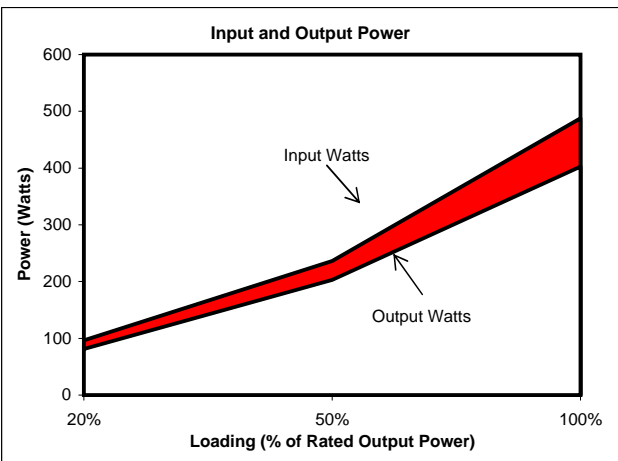


Input AC Current Waveform (ITHD = 8.21%, 50% Load)

| Rated Specifications | Value | Units |
|---------------------------|------------|--------------|
| Input Voltage | 100-240 | Volts |
| Input Current | 6-3 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 400 | 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 |
| 0.85 | 0.99 | 10.5% | 20% | Light | 97 | 12.2/4.8 | 12/0 | 3.4/3.2 | 5.1/2 | 5.1/0.4 | 81 | 84.07% |
| 2.06 | 0.99 | 8.2% | 50% | Typical | 236 | 12.2/11.9 | 12.1/0.1 | 3.4/7.9 | 5/4.9 | 5/1.1 | 203 | 85.98% |
| 4.25 | 1.00 | 5.1% | 100% | Full | 488 | 12.1/23.8 | 12.2/0.2 | 3.3/15.7 | 5/9.8 | 5/2.1 | 403 | 82.59% |



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.