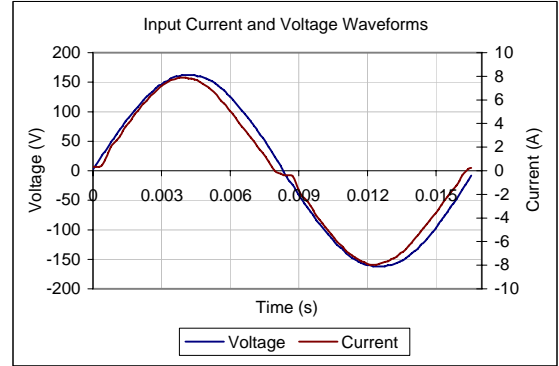


80 PLUS Verification and Testing Report



| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 85.03% |
| AVERAGE EFFICIENCY : | 83.65% |
| 80 PLUS COMPLIANT: | YES |

| | |
|----------------------|--------------------|
| Ecos ID # | 1074 |
| Manufacturer | FSP |
| Model Number | EPSILON 85PLUS 500 |
| Serial Number | S8341100004 |
| Year | 2008 |
| Type | ATX12V/EPS12V |
| Test Date | 10/21/2008 |

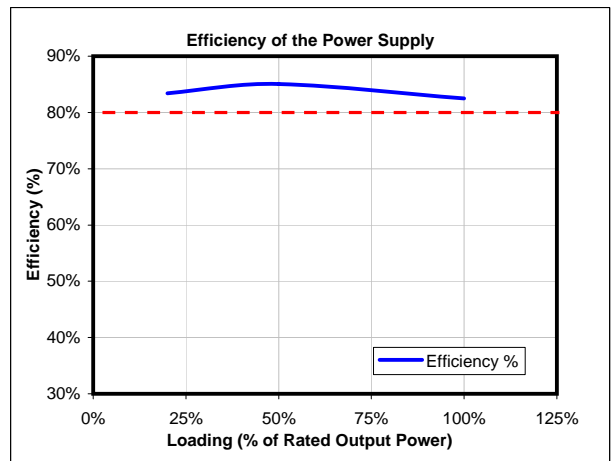
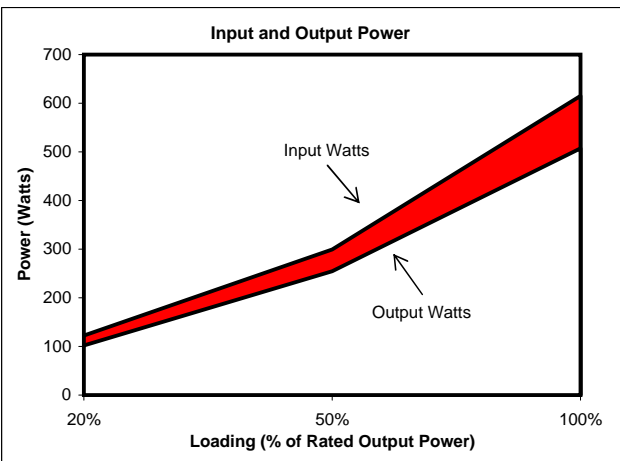


Input AC Current Waveform (ITHD = 15.11%, 50% Load)

| Rated Specifications | Value | Units |
|---------------------------|------------|--------------|
| Input Voltage | 100-240 | Volts |
| Input Current | 8-4 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 500 | 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 |
| 1.11 | 0.96 | 25.2% | 20% | Light | 122 | 12.2/5.6 | 12.3/0.2 | 3.4/3.4 | 5.1/3.4 | 5.1/0.6 | 102 | 83.42% |
| 2.64 | 0.99 | 15.1% | 50% | Typical | 299 | 12.2/14 | 12.2/0.4 | 3.4/8.4 | 5/8.4 | 5/1.5 | 255 | 85.03% |
| 5.37 | 1.00 | 8.9% | 100% | Full | 615 | 12.3/28 | 12.1/0.8 | 3.4/16.8 | 5/16.8 | 4.9/3 | 508 | 82.50% |



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.