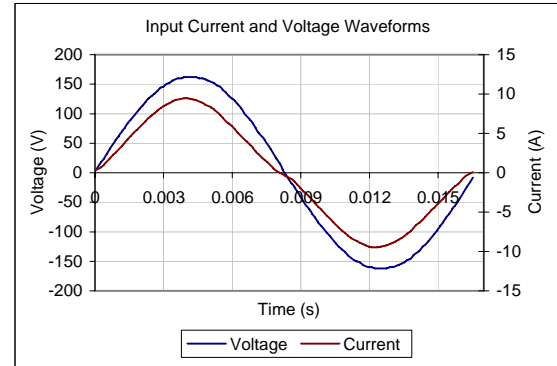


80 PLUS Verification and Testing Report



| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 85.61% |
| AVERAGE EFFICIENCY : | 83.81% |
| 80 PLUS COMPLIANT: | YES |

| | |
|----------------------|--------------------|
| Ecos ID # | 1075 |
| Manufacturer | FPS |
| Model Number | EPSILON 85PLUS 600 |
| Serial Number | S8341100001 |
| Year | 2008 |
| Type | ATX12V/EPS12V |
| Test Date | 10/21/2008 |

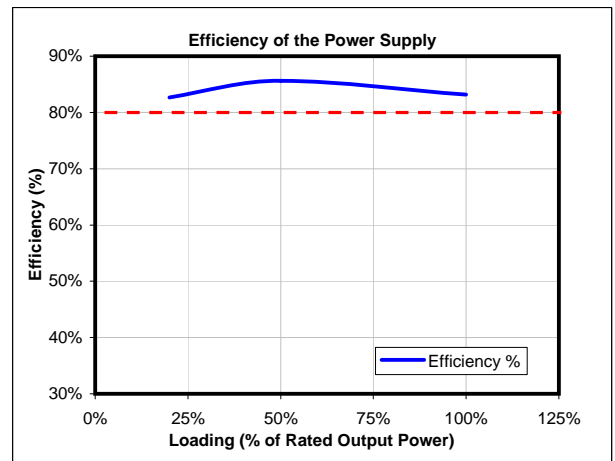
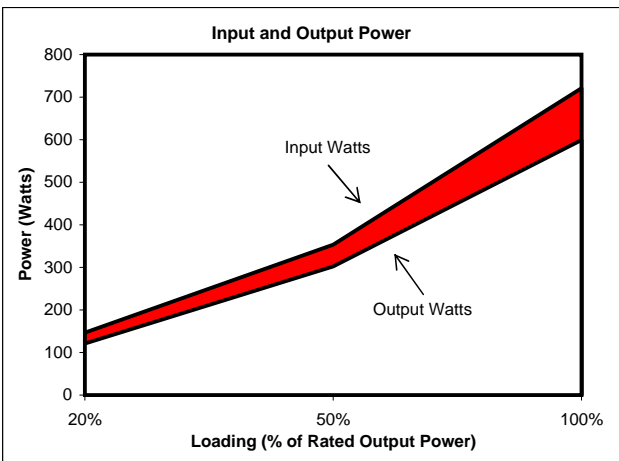


Input AC Current Waveform (ITHD = 15.68%, 50% Load)

| Rated Specifications | Value | Units |
|---------------------------|------------|--------------|
| Input Voltage | 100-240 | Volts |
| Input Current | 9.5-4.5 | 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 |
| 1.31 | 0.97 | 22.5% | 20% | Light | 146 | 12/1/7.2 | 12/0.2 | 3.4/3.4 | 5.2/3.4 | 5.1/0.6 | 121 | 82.66% |
| 3.12 | 0.98 | 15.7% | 50% | Typical | 353 | 12/18.2 | 12/0.4 | 3.3/8.4 | 5.1/8.4 | 5/1.5 | 302 | 85.61% |
| 6.30 | 0.99 | 9.3% | 100% | Full | 721 | 12/36.3 | 12.1/0.8 | 3.3/16.8 | 5/16.8 | 4.9/3 | 600 | 83.15% |



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.

