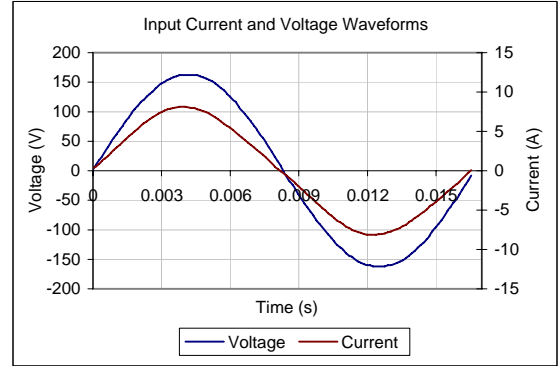


80 PLUS Verification and Testing Report



| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 88.33% |
| AVERAGE EFFICIENCY : | 86.39% |
| 80 PLUS COMPLIANT: | YES |

| | |
|----------------------|--------------|
| Ecos ID # | 846.1 |
| Manufacturer | SUPERMICRO |
| Model Number | PWS-562-1H20 |
| Serial Number | NA |
| Year | 2008 |
| Type | EPS1U |
| Test Date | 7/30/2008 |

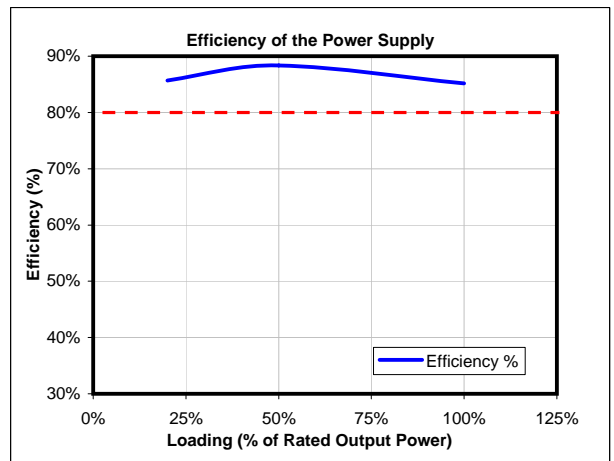
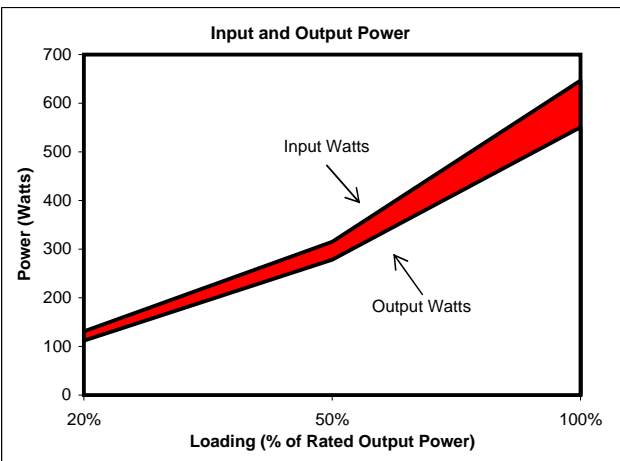


Input AC Current Waveform (ITHD = 3.03%, 50% Load)

| Rated Specifications | Value | Units |
|---------------------------|------------|--------------|
| Input Voltage | 100-240 | Volts |
| Input Current | 6.5 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 560 | 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 |
| 1.14 | 0.99 | 2.7% | 20% | Light | 131 | 11.9/7.5 | 12/0.1 | 3.3/2.4 | 5.1/2.4 | 5.1/0.3 | 112 | 85.69% |
| 2.75 | 1.00 | 3.0% | 50% | Typical | 315 | 11.9/18.7 | 12/0.2 | 3.3/6 | 5.1/6 | 5.1/0.8 | 279 | 88.33% |
| 5.63 | 1.00 | 4.6% | 100% | Full | 646 | 11.8/37.3 | 12.1/0.4 | 3.2/12 | 5/12 | 5/1.6 | 550 | 85.14% |



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.