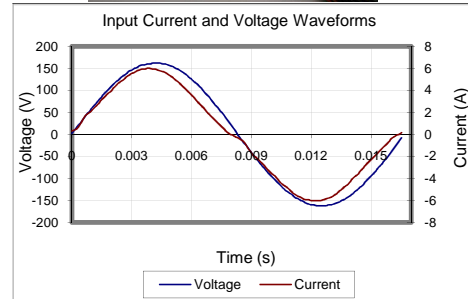


80 PLUS Verification and Testing Report

| | |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 90.27% |
| AVERAGE EFFICIENCY : | 88.65% |
| 80 PLUS COMPLIANT: | YES |



| | |
|---------------|---------------------------|
| Ecos ID # | 1907 |
| Manufacturer | SUPER MICRO COMPUTER INC. |
| Model Number | PWS-333-1H |
| Serial Number | N/A |
| Year | 2010 |
| Type | 1U |
| Test Date | 2/4/2010 |

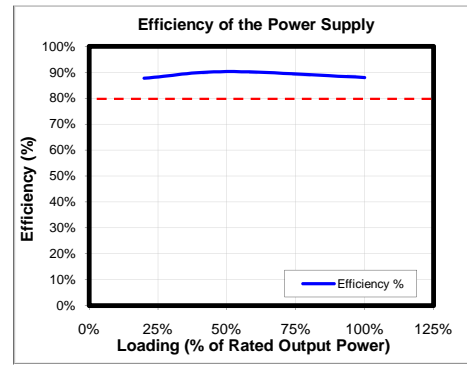
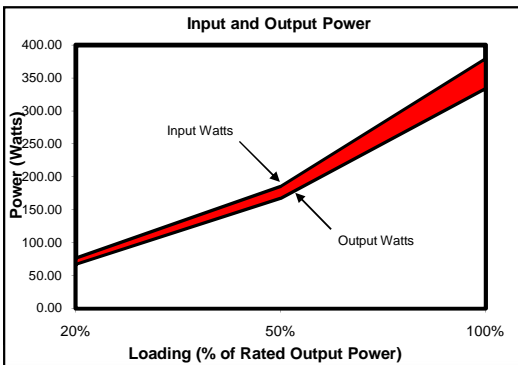


Input AC Current Waveform (ITHD = 8.51%, 50% Load)

| Rated Specifications | Value | Units |
|----------------------|---------|-------|
| Input Voltage | 100-240 | Volts |
| Input Current | 2.8-4.5 | Amps |
| Input Frequency | 50/60 | Hz |
| Rated Output Power | 330 | 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.) | | | | | | |
| 0.68 | 0.9763 | 12.66% | 20% | Light | 76.33 | 12.2/4 | 11.7/0.1 | 3.4/1.6 | 5.1/1.9 | 5.1/0.4 | 66.94 | 87.70% |
| 1.63 | 0.9863 | 8.51% | 50% | Typical | 185.34 | 12.2/10 | 11.6/0.2 | 3.4/4 | 5.1/4.8 | 5.1/1.1 | 167.31 | 90.27% |
| 3.33 | 0.9915 | 5.72% | 100% | Full | 379.50 | 12.1/20 | 11.9/0.4 | 3.3/7.9 | 5.1/9.5 | 5.1/2.2 | 333.93 | 87.99% |



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS® Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>

