

80 PLUS Verification and Testing Report

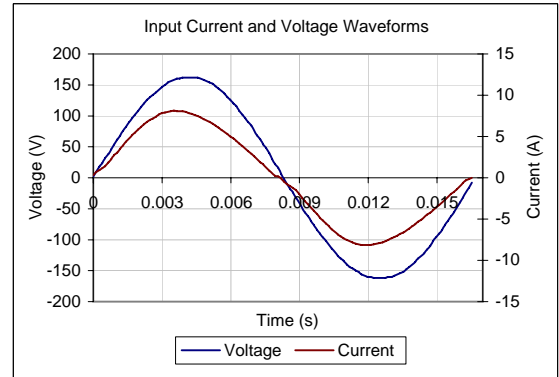


| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 83.81% |
| AVERAGE EFFICIENCY : | 82.00% |
| 80 PLUS COMPLIANT: | YES |

| | |
|----------------------|-----------|
| Ecos ID # | 273 |
| Manufacturer | DELL |
| Model Number | YY922 |
| Serial Number | NA |
| Year | 2007 |
| Type | Custom |
| Test Date | 6/26/2007 |

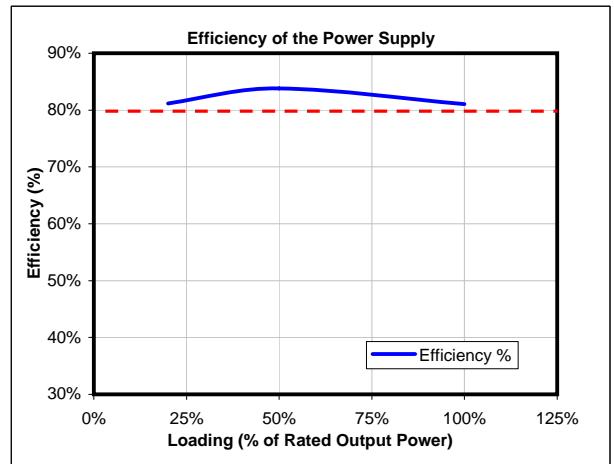
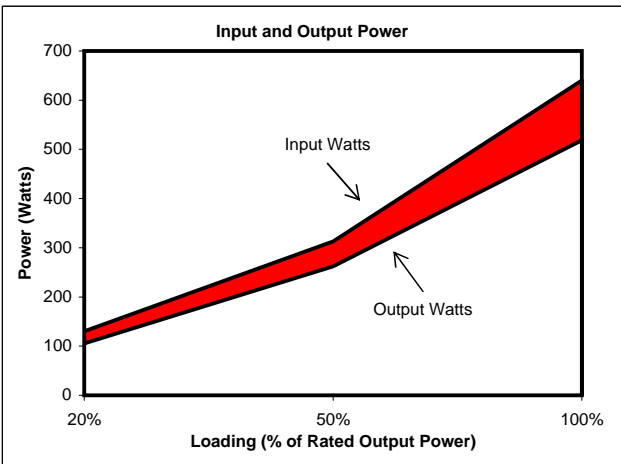
| Rated Specifications | Value | Units |
|---------------------------|------------|--------------|
| Input Voltage | 100-240 | Volts |
| Input Current | 8.2 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 525 | Watts |

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 6.55%, 50% Load)

| 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 | | |
| 1.15 | 0.98 | 11.0% | 20% | Light | 130 | 12/6.4 | 12.2/0.1 | 3.3/2.4 | 5.1/3 | 5.1/0.6 | 105 | 81.16% |
| 2.74 | 0.99 | 6.6% | 50% | Typical | 313 | 11.9/16.1 | 12.3/0.4 | 3.3/5.9 | 5.1/7.6 | 5/1.5 | 262 | 83.81% |
| 5.60 | 0.99 | 6.6% | 100% | Full | 640 | 11.8/32.1 | 12.3/0.8 | 3.2/11.8 | 5/15.3 | 4.9/3.1 | 519 | 81.04% |



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/>

