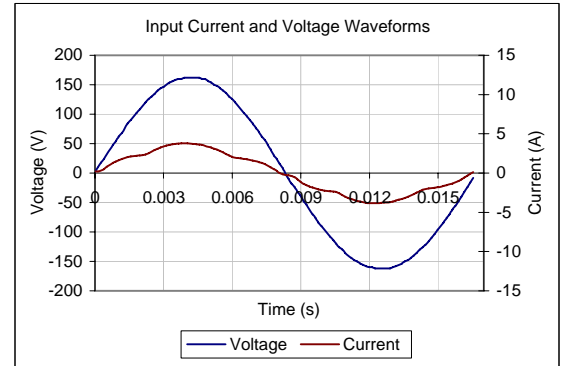


80 PLUS Verification and Testing Report



| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 87.85% |
| AVERAGE EFFICIENCY : | 86.91% |
| 80 PLUS COMPLIANT: | YES |

| | |
|----------------------|----------|
| Ecos ID # | 646.2 |
| Manufacturer | DELL |
| Model Number | H255E-00 |
| Serial Number | NA |
| Year | 2008 |
| Type | CUSTOM |
| Test Date | 8/7/2008 |

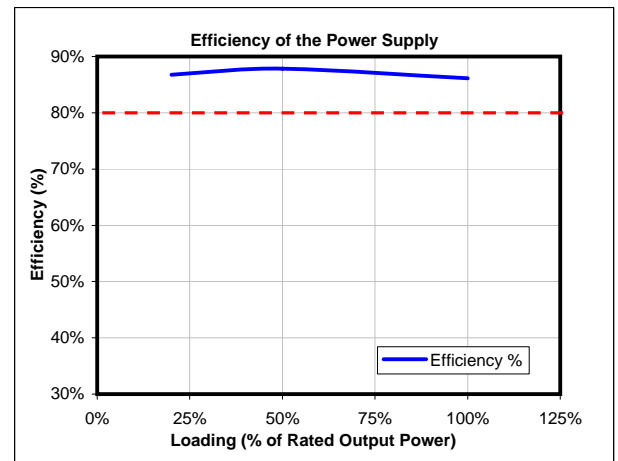
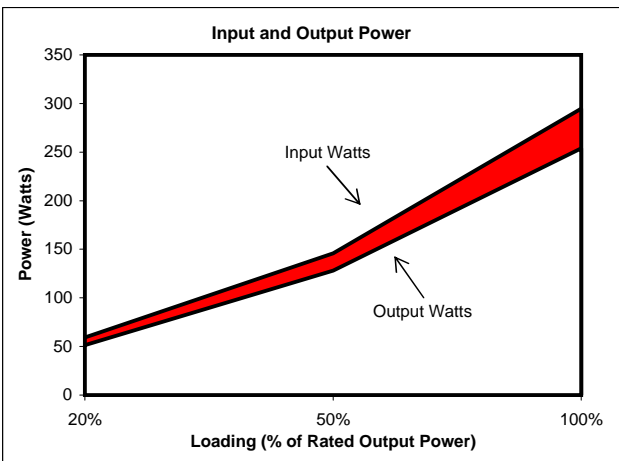


Input AC Current Waveform (ITHD = 5.36%, 50% Load)

| Rated Specifications | Value | Units |
|---------------------------|------------|--------------|
| Input Voltage | 100-240 | Volts |
| Input Current | 3.6 | Amps |
| Input Frequency | 47-63 | Hz |
| Rated Output Power | 255 | 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 |
| 0.85 | 0.60 | 19.5% | 20% | Light | 59 | 12.2/2.9 | 11.9/0.1 | 3.3/1 | 5/1.8 | 5/0.6 | 51 | 86.76% |
| 1.27 | 0.99 | 5.4% | 50% | Typical | 146 | 12.1/7.2 | 11.9/0.2 | 3.3/2.5 | 5/4.6 | 4.9/1.6 | 128 | 87.85% |
| 2.57 | 1.00 | 7.7% | 100% | Full | 295 | 12/14.4 | 11.9/0.4 | 3.2/4.9 | 4.9/9.2 | 4.8/3.1 | 254 | 86.11% |



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.