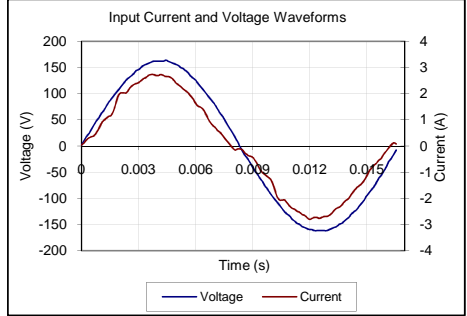


80 PLUS Verification and Testing Report

| | |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 90.88% |
| AVERAGE EFFICIENCY : | 89.43% |
| 80 PLUS COMPLIANT: | YES |



| | |
|---------------|-----------|
| Ecos ID # | 1578 |
| Manufacturer | DELL |
| Model Number | L180EU-00 |
| Serial Number | N/A |
| Year | 2009 |
| Type | CUSTOM |
| Test Date | 7/9/2009 |

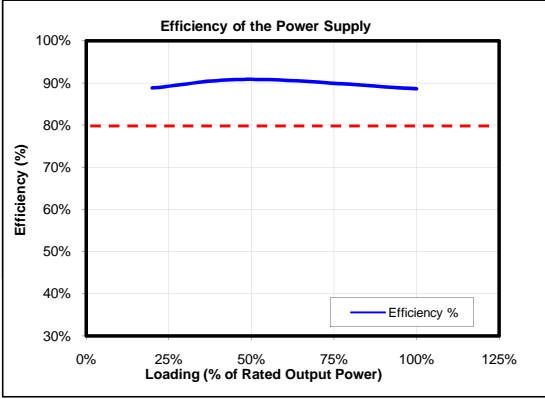
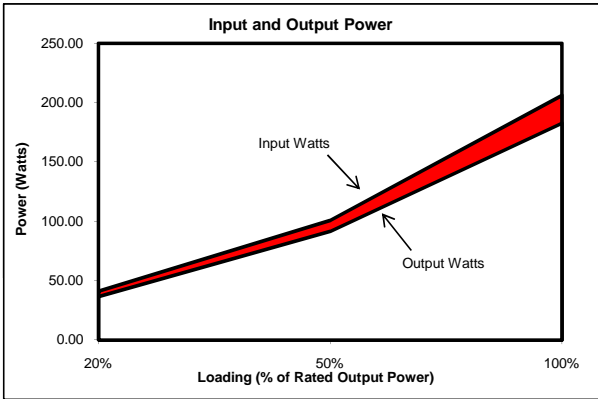


Input AC Current Waveform (ITHD = 5.96%, 50% Load)

| Rated Specifications | Value | Units |
|---------------------------|------------|--------------|
| Input Voltage | 100-240 | Volts |
| Input Current | 2.6 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 180 | 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 12VA, 12VB, etc.) | -12V | | |
| 0.37 | 0.9563 | 10.93% | 20% | Light | 41.21 | 12.2/3 | 11.7/0 | 36.60 | 88.81% |
| 0.88 | 0.9912 | 5.96% | 50% | Typical | 100.84 | 12.2/7.5 | 11.7/0 | 91.64 | 90.88% |
| 1.80 | 0.9971 | 5.34% | 100% | Full | 206.34 | 12.2/14.9 | 11.8/0.1 | 182.84 | 88.61% |



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.