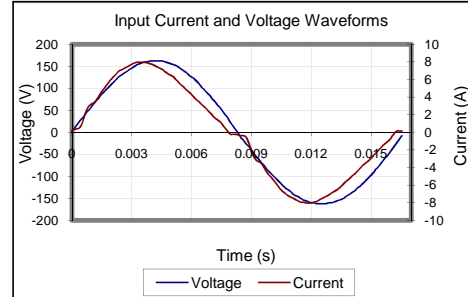


80 PLUS Verification and Testing Report

| | |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 86.08% |
| AVERAGE EFFICIENCY : | 84.60% |
| 80 PLUS COMPLIANT: | YES |



| | |
|---------------|----------------|
| Ecos ID # | 1606 |
| Manufacturer | BE QUIET |
| Model Number | BQT E7-500W |
| Serial Number | 115S9271000011 |
| Year | 2009 |
| Type | ATX12V |
| Test Date | 8/13/2009 |

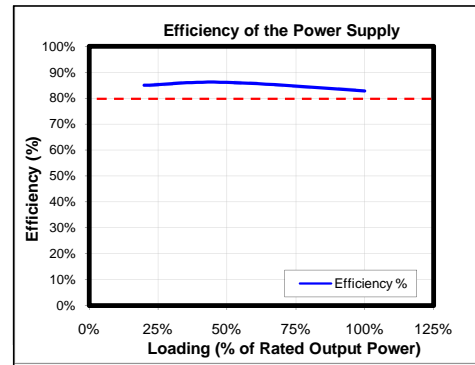
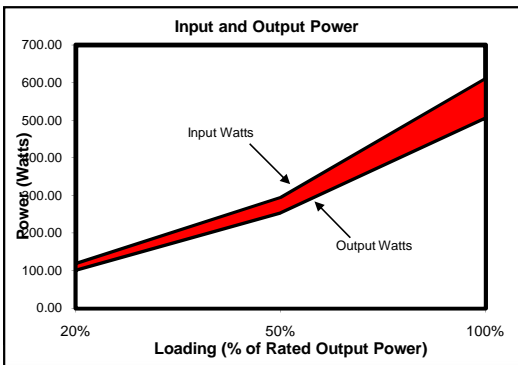


| Rated Specifications | Value | Units |
|----------------------|---------|-------|
| Input Voltage | 100-240 | Volts |
| Input Current | 7-3.5 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 500 | Watts |

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

Input AC Current Waveform (ITHD = 15.35%, 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.) | | | | | |
| 1.08 | 0.9590 | 27.42% | 20% | Light | 119.38 | 12.1/0 | 3.4/3.1 | 5/2.8 | 5/0.5 | 101.41 | 84.95% |
| 2.64 | 0.9734 | 15.35% | 50% | Typical | 295.10 | 12.2/15.2 | 12.1/0.1 | 3.4/7.8 | 5/6.9 | 254.02 | 86.08% |
| 5.40 | 0.9841 | 11.12% | 100% | Full | 611.50 | 12.2/30.3 | 12.3/0.3 | 3.3/15.6 | 5/13.8 | 506.19 | 82.78% |



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.