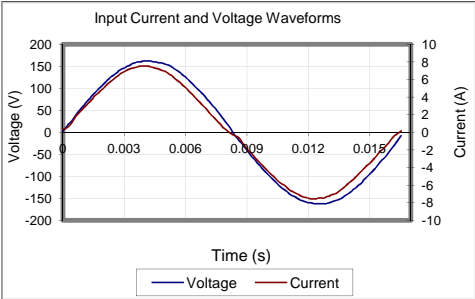


80 PLUS Verification and Testing Report

| | |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 85.83% |
| AVERAGE EFFICIENCY : | 84.26% |
| 80 PLUS COMPLIANT: | YES |



| | |
|---------------|--------------------------------------|
| Ecos ID # | 1953.9 |
| Manufacturer | Aerocool Advanced Technologies Corp. |
| Model Number | GT-500S |
| Serial Number | N/A |
| Year | 2010 |
| Type | ATX12V |
| Test Date | 3/8/2010 |

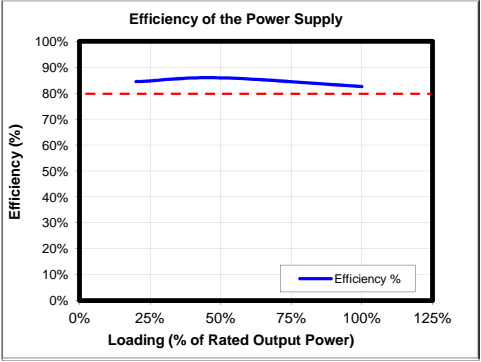
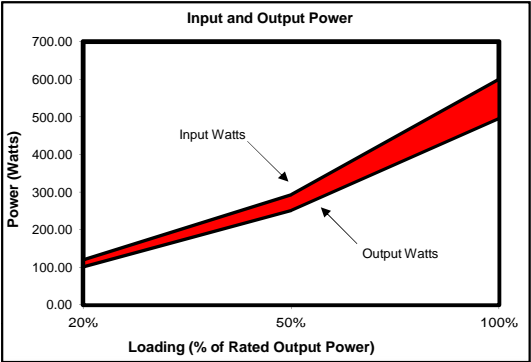


Input AC Current Waveform (ITHD = 9.45%, 50% Load)

| Rated Specifications | Value | Units |
|----------------------|---------|-------|
| Input Voltage | 100-240 | Volts |
| Input Current | 6/3 | 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.

| 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 |
| 1.08 | 0.97 | 14.62% | 20% | Light | 120.36 | 12.2/6.2 | | 12.1/0 | 3.3/3.5 | 5.1/2.2 | 5.1/0.5 | 101.59 | 84.41% |
| 2.58 | 0.99 | 9.45% | 50% | Typical | 293.10 | 12.1/15.5 | | 12.2/0.1 | 3.3/8.7 | 5/5.4 | 5/1.2 | 251.56 | 85.83% |
| 5.23 | 1.00 | 5.67% | 100% | Full | 600.80 | 11.9/31 | | 12.3/0.3 | 3.2/17.3 | 4.9/10.8 | 5/2.6 | 495.84 | 82.53% |



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/>

