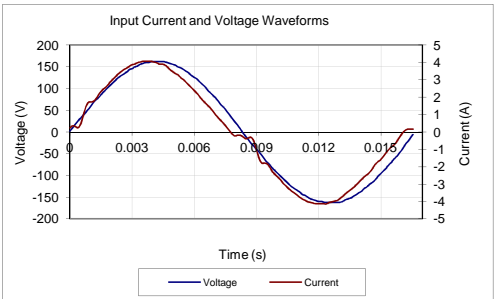


80 PLUS Verification and Testing Report

| | |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 86.34% |
| AVERAGE EFFICIENCY : | 84.29% |
| 80 PLUS COMPLIANT: | YES |



| | |
|---------------|-----------|
| Ecos ID # | 2633.3 |
| Manufacturer | CHIEFTEC |
| Model Number | BPS-550S2 |
| Serial Number | N/A |
| Year | 2011 |
| Type | ATX12V |
| Test Date | 6/29/2011 |

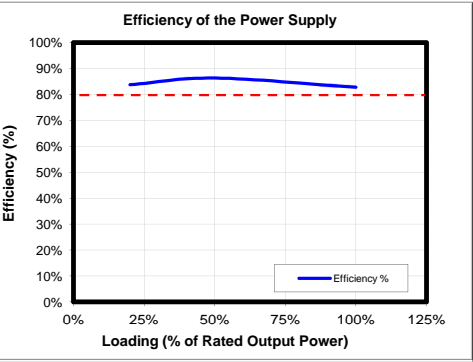
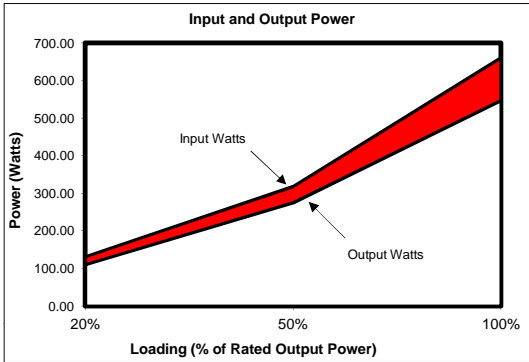


| Rated Specifications | Value | Units |
|---------------------------|------------|--------------|
| Input Voltage | 100-240 | Volts |
| Input Current | 8 | Amps |
| Input Frequency | 47-63 | Hz |
| Rated Output Power | 550 | Watts |

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

Input AC Current Waveform (ITHD = 9.77%, 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.) | | | | | |
| 1.18 | 0.97 | 18.00% | 20% | Light | 131.63 | 11.9/6.9 | | | | 110.24 | 83.75% |
| 2.80 | 0.99 | 9.77% | 50% | Typical | 318.70 | 11.9/17.2 | | | | 275.16 | 86.34% |
| 5.78 | 0.99 | 7.01% | 100% | Full | 661.10 | 11.9/34.3 | | | | 547.22 | 82.77% |



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/>

