

80 PLUS Verification and Testing Report

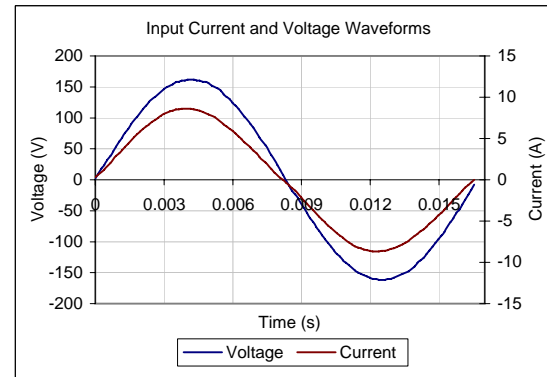
| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 84.76% |
| AVERAGE EFFICIENCY : | 82.80% |
| 80 PLUS COMPLIANT: | YES |



| | |
|----------------------|-------------|
| Ecos ID # | 262 |
| Manufacturer | JouJye |
| Model Number | SGE_550AUBA |
| Serial Number | NA |
| Year | 2007 |
| Type | ATX12V |
| Test Date | 6/14/2007 |

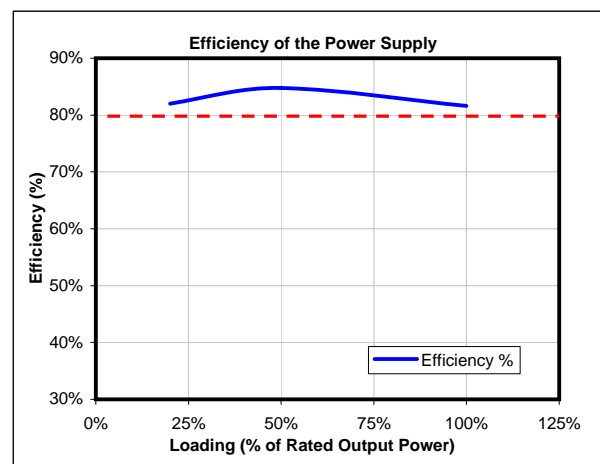
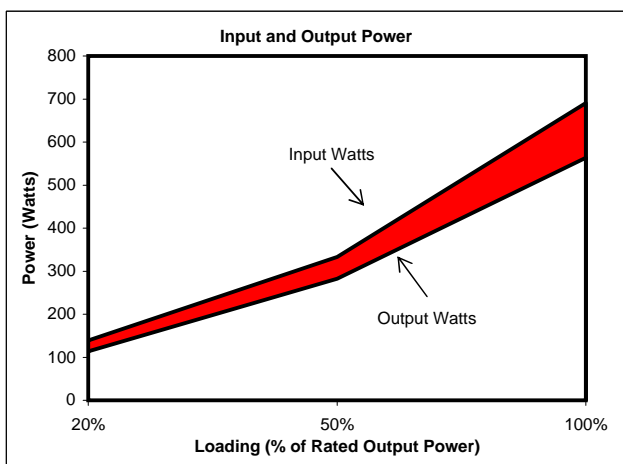
| Rated Specifications | Value | Units |
|-----------------------------|--------------|--------------|
| Input Voltage | 100-240 | Volts |
| Input Current | 12 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 550 | Watts |

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



Input AC Current Waveform (ITHD = 8.48%, 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.) | -12V | 3.3V | 5V* | 5VSB | | |
| 1.26 | 0.96 | 14.6% | 20% | Light | 139 | 12.5/6.3 | 12.3/0.1 | 3.4/3.7 | 5.1/3.7 | 5.1/0.4 | 114 | 82.01% |
| 2.93 | 0.99 | 8.5% | 50% | Typical | 333 | 12.5/15.9 | 12.3/0.1 | 3.3/9.3 | 5.1/9.3 | 5.1/1.1 | 282 | 84.76% |
| 6.09 | 0.99 | 4.2% | 100% | Full | 691 | 12.5/31.7 | 12/0.4 | 3.3/18.5 | 5/18.6 | 5/2.1 | 564 | 81.63% |



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/>

