

80 PLUS Verification and Testing Report

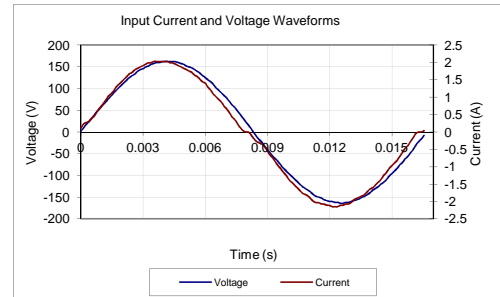
| | |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 91.23% |
| AVERAGE EFFICIENCY : | 89.83% |
| 80 PLUS COMPLIANT: | YES |



| | |
|---------------|---------------------------------|
| Ecos ID # | 2785 |
| Manufacturer | Sea Sonic Electronics Co., Ltd. |
| Model Number | SS-300TGW |
| Serial Number | CQ08A70780019 Rev:AOW |
| Year | 2011 |
| Type | TFX |
| Test Date | 9/29/2011 |

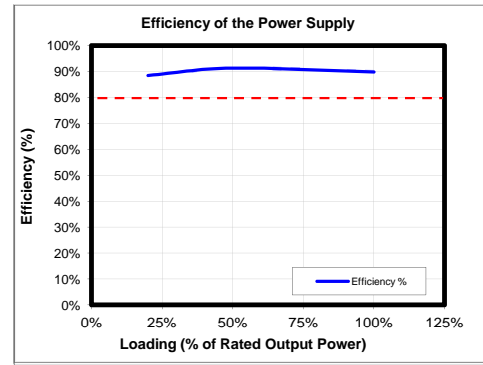
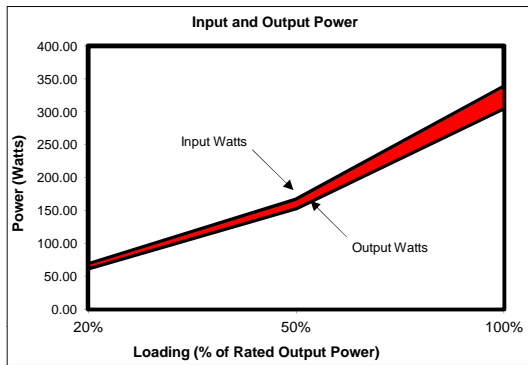
| Rated Specifications | Value | Units |
|---------------------------|------------|--------------|
| Input Voltage | 100-240 | Volts |
| Input Current | 5 | Amps |
| Input Frequency | 50/60 | Hz |
| Rated Output Power | 300 | Watts |

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



Input AC Current Waveform (ITHD = 5.85%, 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.) | | | | | | |
| 0.61 | 0.99 | 4.30% | 20% | Light | 69.41 | 12.2/3.9 | 11.7/0 | 3.4/1.1 | 5/1.5 | 5.1/0.3 | 61.41 | 88.48% |
| 1.46 | 0.99 | 5.85% | 50% | Typical | 167.51 | 12.2/9.8 | 11.9/0.1 | 3.4/2.7 | 5/3.7 | 5.1/0.8 | 152.82 | 91.23% |
| 2.96 | 1.00 | 5.29% | 100% | Full | 339.70 | 12.2/19.6 | 12.2/0.2 | 3.4/5.3 | 5/7.4 | 5.1/1.6 | 304.98 | 89.78% |



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/>

