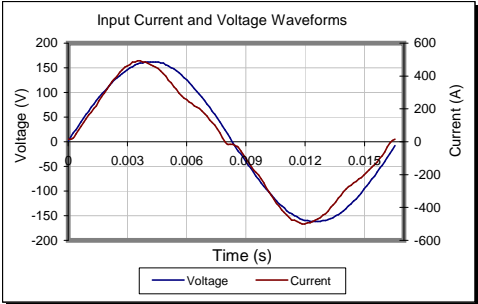


80 PLUS Verification and Testing Report

| | |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 90.94% |
| AVERAGE EFFICIENCY : | 89.26% |
| 80 PLUS COMPLIANT: | YES |



| | |
|---------------|--------------------------------|
| Ecos ID # | 2140 |
| Manufacturer | SEA SONIC ELETRONICS CO., LTD. |
| Model Number | SS-660KM |
| Serial Number | N/A |
| Year | 2010 |
| Type | ATX12V & EPS12V |
| Test Date | 9/7/2010 |

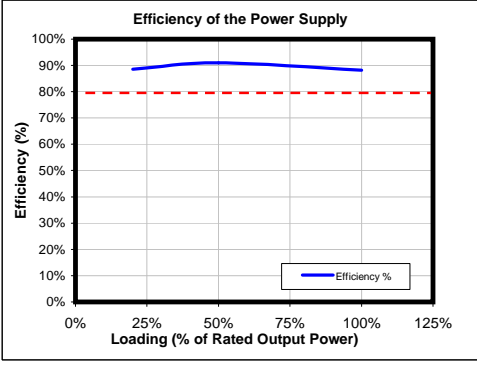
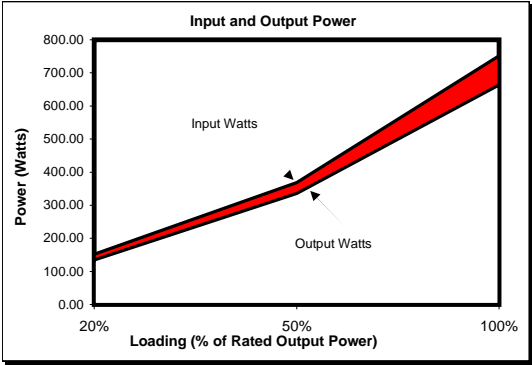


| Rated Specifications | Value | Units |
|----------------------|---------|-------|
| Input Voltage | 100-240 | Volts |
| Input Current | 8-4 | Amps |
| Input Frequency | 50/60 | Hz |
| Rated Output Power | 660 | Watts |

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

Input AC Current Waveform (ITHD = 11.72%, 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.) | | | | | | |
| 1.35 | 0.98 | 11.83% | 20% | Light | 151.94 | 12.2/9 | 11.7/0.1 | 3.4/2.5 | 5/2.5 | 5.1/0.5 | 134.64 | 88.61% |
| 3.24 | 0.99 | 11.72% | 50% | Typical | 368.70 | 12.2/22.5 | 11.8/0.2 | 3.4/6.2 | 5/6.2 | 5.1/1.2 | 335.31 | 90.94% |
| 6.63 | 0.99 | 12.24% | 100% | Full | 751.90 | 12.1/45 | 11.8/0.4 | 3.3/12.4 | 5/12.5 | 5/2.5 | 663.38 | 88.23% |



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/>

