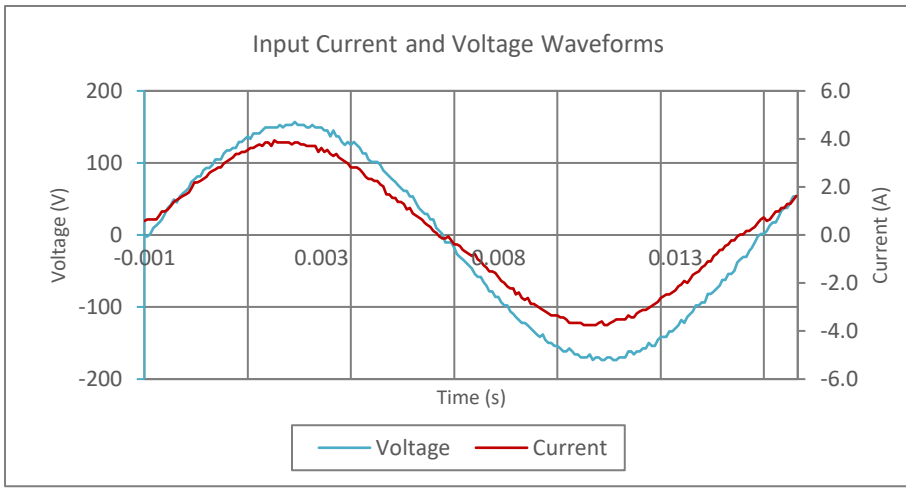


80 PLUS Verification and Testing Report

| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 86.00% |
| AVERAGE EFFICIENCY : | 84.52% |
| 80 PLUS COMPLIANT: | YES |



| | |
|----------------------|---------------------------------|
| ID Number | 5440 |
| Manufacturer | Sea Sonic Electronics Co., Ltd. |
| Model Number | SSR-500GB3 |
| Serial Number | N/A |
| Year | 2018 |
| Type | ATX12V, EPS12V |
| Test Date | 12/6/18 |

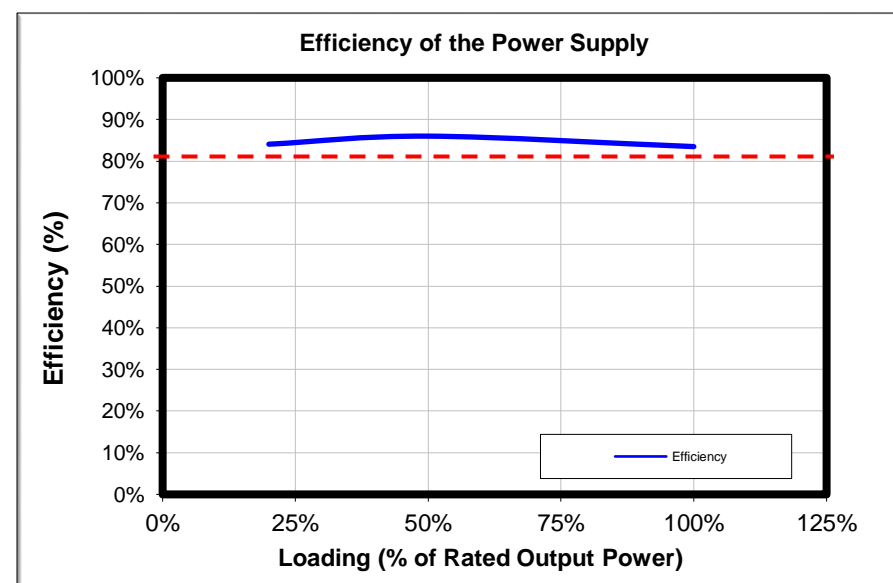
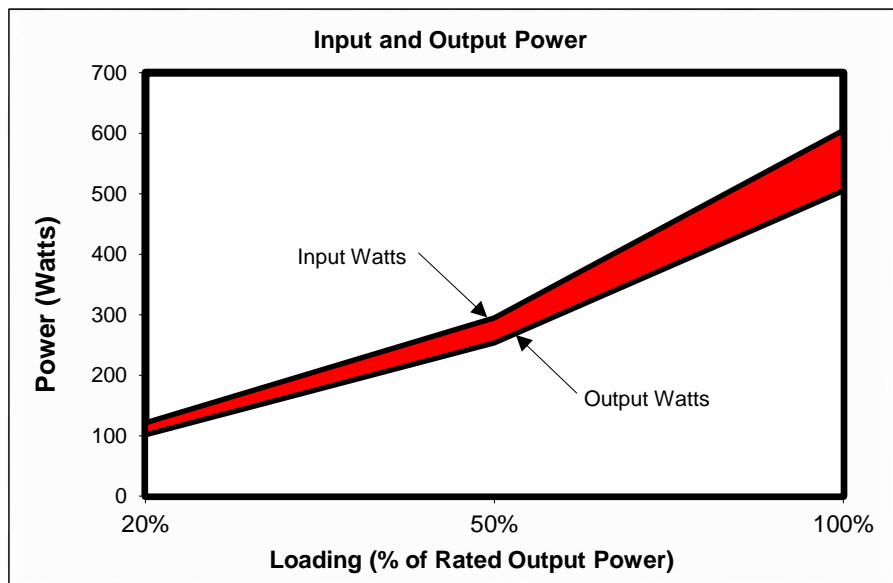


| Rated Specifications | Value | Units |
|---------------------------|------------|--------------|
| Input Voltage | 110-240 | Volts |
| Input Current | 8-4 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 500 | Watts |

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

Input AC Current Waveform (ITHD = 5.75%, 50% Load)

| I _{RMS} | PF | I _{THD} | 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 | | |
| 0.59 | 0.95 | 15.45% | 10% | 63.99 | 12.12/3.41 | 11.8/0.03 | 3.34/0.93 | 5.14/0.93 | 5.13/0.21 | 50.64 | 79.13% |
| 1.07 | 0.98 | 10.41% | 20% | 120.80 | 12.12/6.85 | 11.97/0.05 | 3.34/1.85 | 5.14/1.84 | 5.12/0.43 | 101.55 | 84.06% |
| 2.58 | 1.00 | 5.75% | 50% | 295.00 | 12.12/17.14 | 12.1/0.13 | 3.33/4.62 | 5.14/4.59 | 5.09/1.07 | 253.70 | 86.00% |
| 5.28 | 1.00 | 7.87% | 100% | 604.60 | 12.06/34.26 | 12.15/0.26 | 3.33/9.26 | 5.12/9.16 | 5.04/2.13 | 504.76 | 83.49% |



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/>

