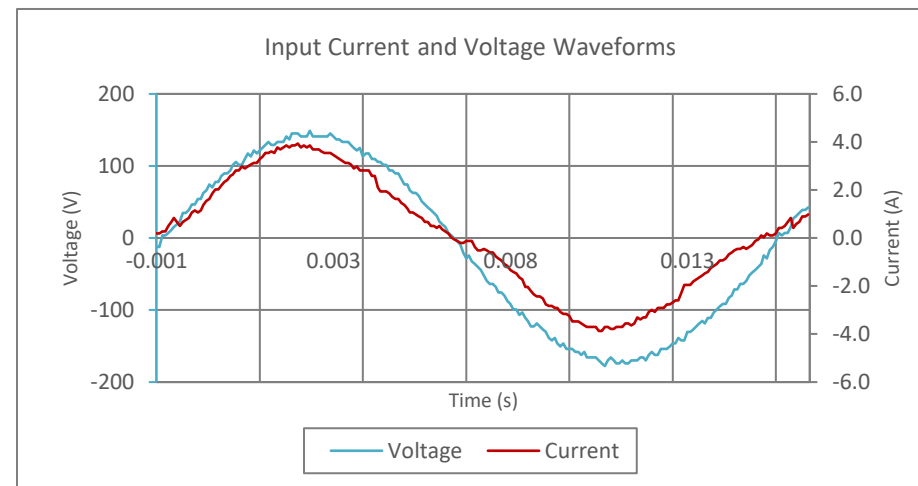


80 PLUS Verification and Testing Report

| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 92.37% |
| AVERAGE EFFICIENCY : | 91.18% |
| 80 PLUS COMPLIANT: | YES |



| | |
|----------------------|---------------------------------|
| ID Number | 5605 |
| Manufacturer | Sea Sonic Electronics Co., Ltd. |
| Model Number | SSR-500PL |
| Serial Number | N/A |
| Year | 2019 |
| Type | ATX12V, EPS12V |
| Test Date | 7/24/19 |

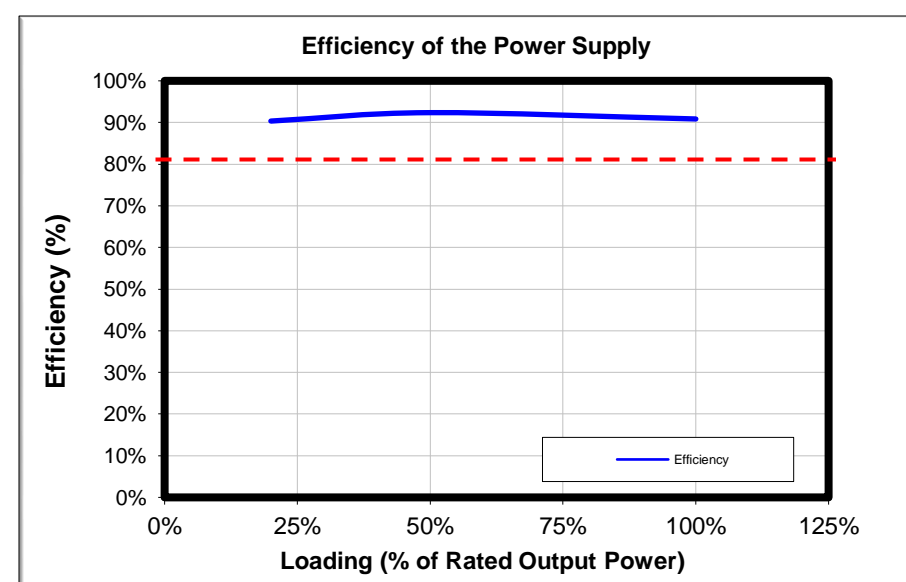
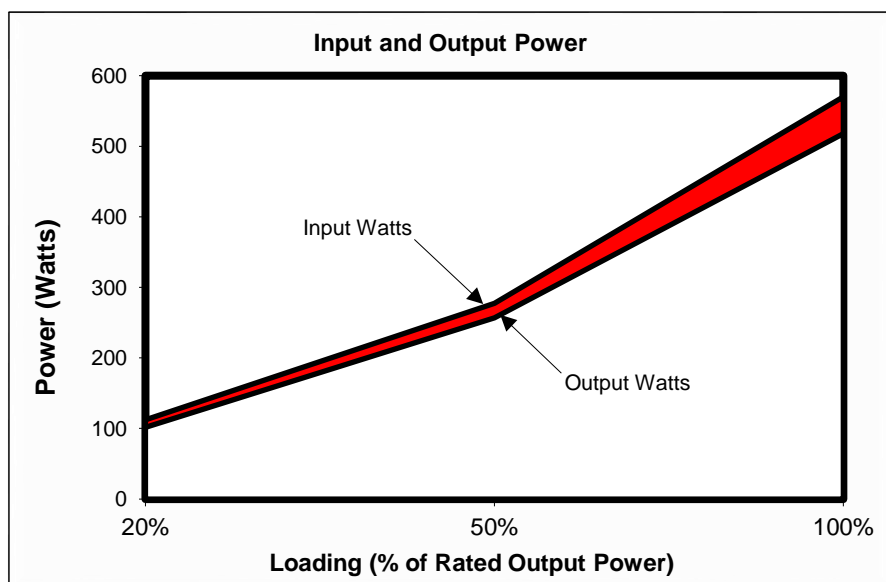


| Rated Specifications | Value | Units |
|---------------------------|------------|--------------|
| Input Voltage | 100-240 | Volts |
| Input Current | 7-4 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 500 | Watts |

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

Input AC Current Waveform (ITHD = 12.44%, 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 | | |
| 0.54 | 0.95 | 14.64% | 10% | 59.19 | 12.14/3.38 | 12.36/0.02 | 3.32/0.99 | 5.04/0.99 | 5.1/0.21 | 50.60 | 85.49% |
| 1.01 | 0.97 | 14.41% | 20% | 112.45 | 12.18/6.76 | 12.26/0.05 | 3.33/1.98 | 5.03/1.97 | 5.09/0.41 | 101.59 | 90.34% |
| 2.45 | 0.99 | 12.44% | 50% | 277.70 | 12.28/16.96 | 12.21/0.12 | 3.35/4.95 | 5.04/4.91 | 5.06/1.03 | 256.50 | 92.37% |
| 5.01 | 0.99 | 11.44% | 100% | 570.00 | 12.43/33.87 | 12.53/0.25 | 3.38/9.92 | 5.04/9.82 | 5.01/2.06 | 517.82 | 90.85% |



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/>

