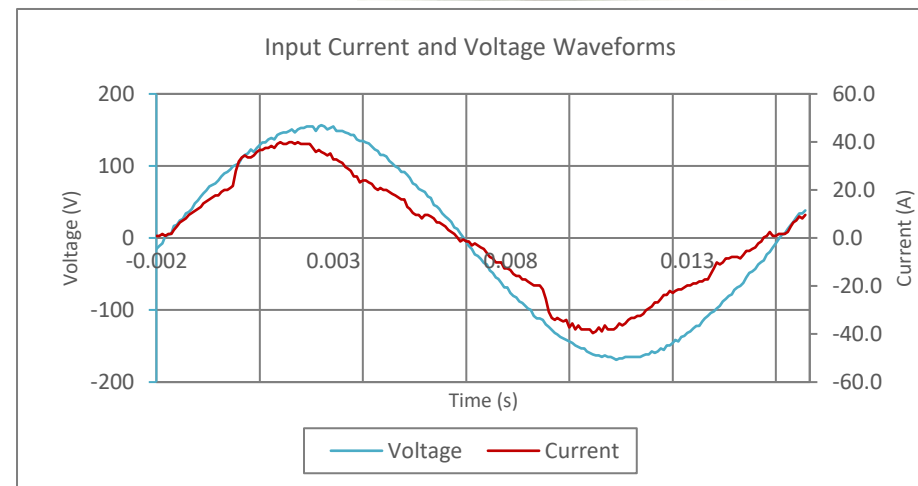


# 80 PLUS Verification and Testing Report

|                                       |               |
|---------------------------------------|---------------|
| <b>TYPICAL EFFICIENCY (50% Load):</b> | <b>90.54%</b> |
| <b>AVERAGE EFFICIENCY :</b>           | <b>89.26%</b> |
| <b>80 PLUS COMPLIANT:</b>             | <b>YES</b>    |



|                      |         |
|----------------------|---------|
| <b>ID Number</b>     | 5993    |
| <b>Manufacturer</b>  | e2e4    |
| <b>Model Number</b>  | G500    |
| <b>Serial Number</b> | N/A     |
| <b>Year</b>          | 2020    |
| <b>Type</b>          | ATX12V  |
| <b>Test Date</b>     | 6/29/20 |

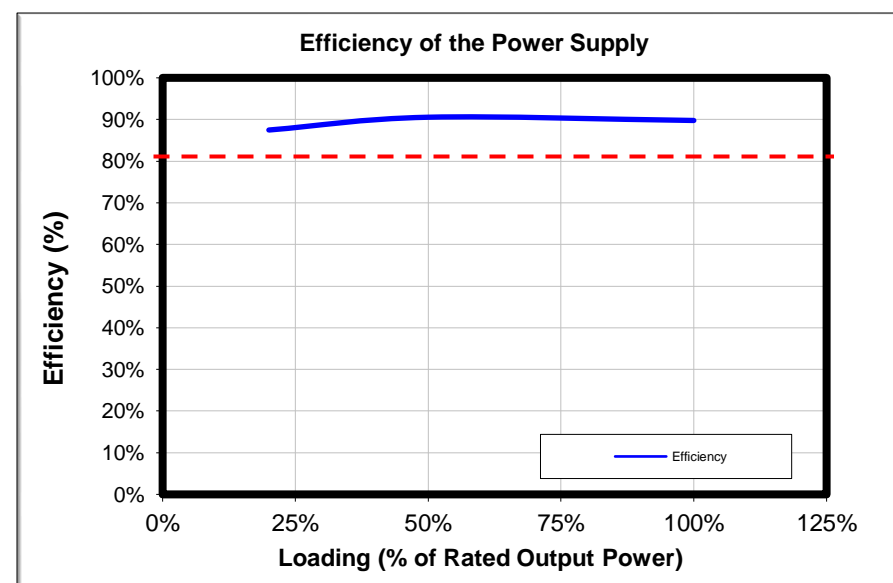
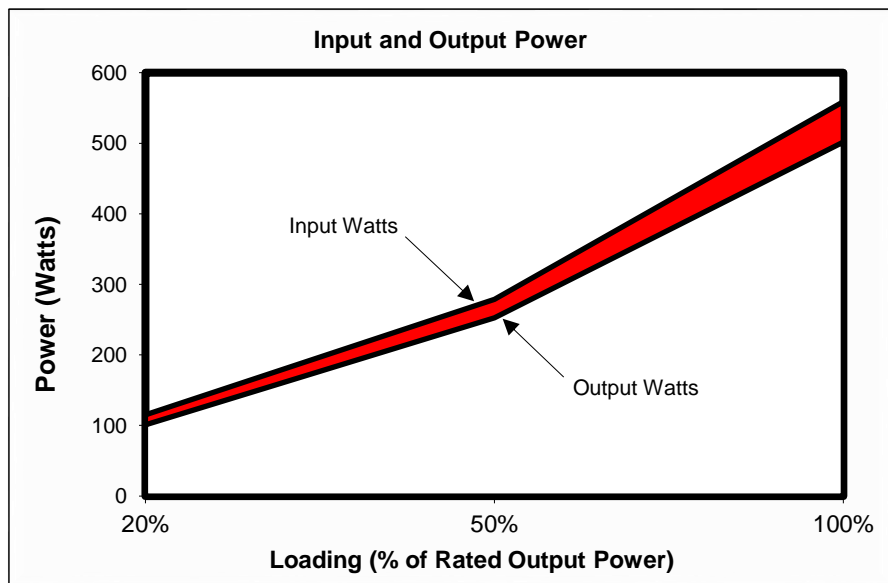


| Rated Specifications      | Value      | Units        |
|---------------------------|------------|--------------|
| Input Voltage             | 115        | Volts        |
| Input Current             | 5          | Amps         |
| Input Frequency           | 60         | Hz           |
| <b>Rated Output Power</b> | <b>500</b> | <b>Watts</b> |

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

Input AC Current Waveform (ITHD = 14.87%, 50% Load)

| I <sub>RMS</sub> | PF   | I <sub>THD</sub> | 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   |
| 0.58             | 0.94 | 12.94%           | 10%  | 62.20       | 12.11/3.44                                   | 12/0.01   | 3.37/1    | 5.08/1    | 5.04/0.1     | 50.70      | 81.51% |
| 1.04             | 0.96 | 12.97%           | 20%  | 115.45      | 12.07/6.87                                   | 12/0.02   | 3.36/2    | 5.07/1.99 | 5.04/0.2     | 100.98     | 87.47% |
| 2.48             | 0.98 | 14.87%           | 50%  | 278.70      | 12.08/17.18                                  | 12/0.05   | 3.34/5    | 5.04/4.96 | 5.01/0.5     | 252.34     | 90.54% |
| 4.94             | 0.98 | 11.52%           | 100% | 558.90      | 12.03/34.33                                  | 11.99/0.1 | 3.3/10.01 | 4.99/9.9  | 4.97/1       | 501.69     | 89.76% |



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/>

