

80 PLUS Verification and Testing Report

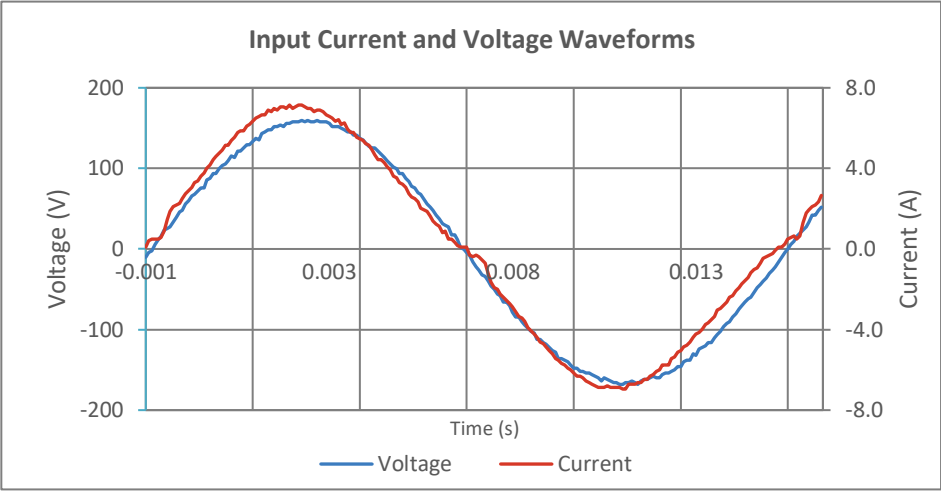
|                                |          |
|--------------------------------|----------|
| TYPICAL EFFICIENCY (50% Load): | 93.28%   |
| AVERAGE EFFICIENCY :           | 91.45%   |
| 80 PLUS COMPLIANT:             | Platinum |



|               |                |
|---------------|----------------|
| ID Number     | 6899.1         |
| Manufacturer  | Phanteks       |
| Model Number  | PH-P1000GH_01  |
| Serial Number | N/A            |
| Year          | 2022           |
| Type          | ATX12V, EPS12V |
| Test Date     | 10/25/22       |

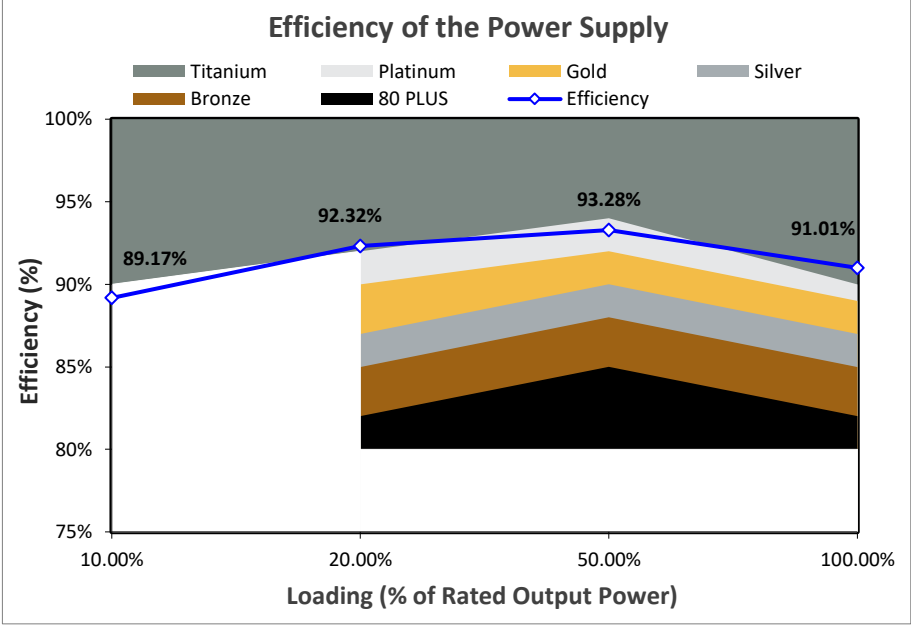
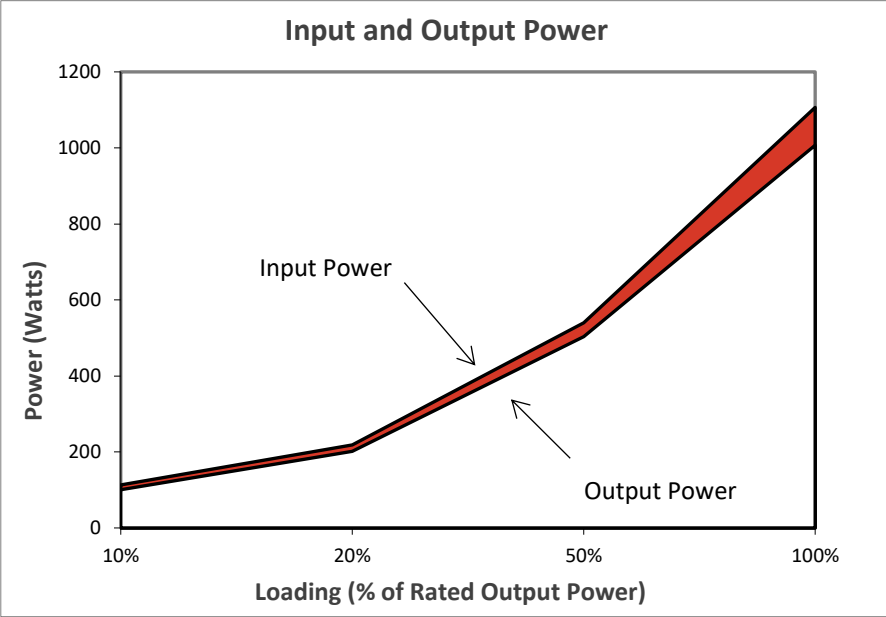
| Rated Specifications |  | Value   | Units |
|----------------------|--|---------|-------|
| Input Voltage        |  | 100-240 | Volts |
| Input Current        |  | 12-6    | Amps  |
| Input Frequency      |  | 47-63   | Hz    |
| Rated Output Power   |  | 1000    | Watts |

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



Input AC Current Waveform (ITHD = 6.92%, 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      |              |            |
| 1.012            | 0.9683 | 16.96%           | 10%  | 112.67      | 12.04/7.31                                   | 11.97/0.03 | 3.37/1.27  | 5.12/1.27  | 5.12/0.26 | 100.47       | 89.17%     |
| 1.932            | 0.9833 | 13.19%           | 20%  | 218.35      | 12.04/14.67                                  | 11.97/0.05 | 3.36/2.55  | 5.12/2.54  | 5.12/0.53 | 201.59       | 92.32%     |
| 4.725            | 0.9936 | 6.92%            | 50%  | 539.90      | 12.04/36.66                                  | 11.96/0.13 | 3.38/6.36  | 5.12/6.31  | 5.11/1.32 | 503.64       | 93.28%     |
| 9.657            | 0.9965 | 5.10%            | 100% | 1106.50     | 12.04/73.32                                  | 11.94/0.26 | 3.38/12.75 | 5.11/12.61 | 5.09/2.64 | 1006.98      | 91.01%     |



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/>