

80 PLUS Verification and Testing Report

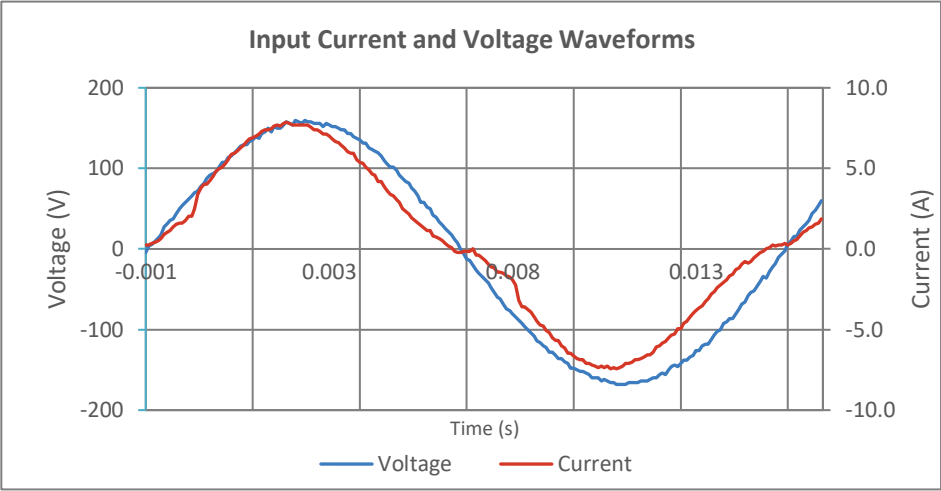
|                                |        |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 91.21% |
| AVERAGE EFFICIENCY :           | 88.73% |
| 80 PLUS COMPLIANT:             | Gold   |



|               |                        |
|---------------|------------------------|
| ID Number     | 6888                   |
| Manufacturer  | Endorfy                |
| Model Number  | Supremo FM5 Gold 1000W |
| Serial Number | EY7A0102208004039      |
| Year          | 2022                   |
| Type          | ATX12V                 |
| Test Date     | 10/18/22               |

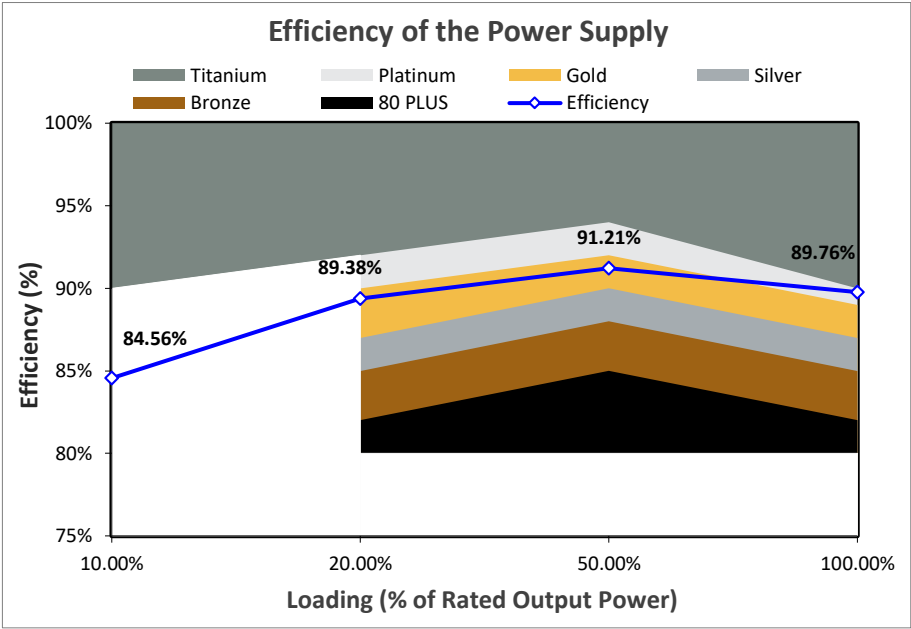
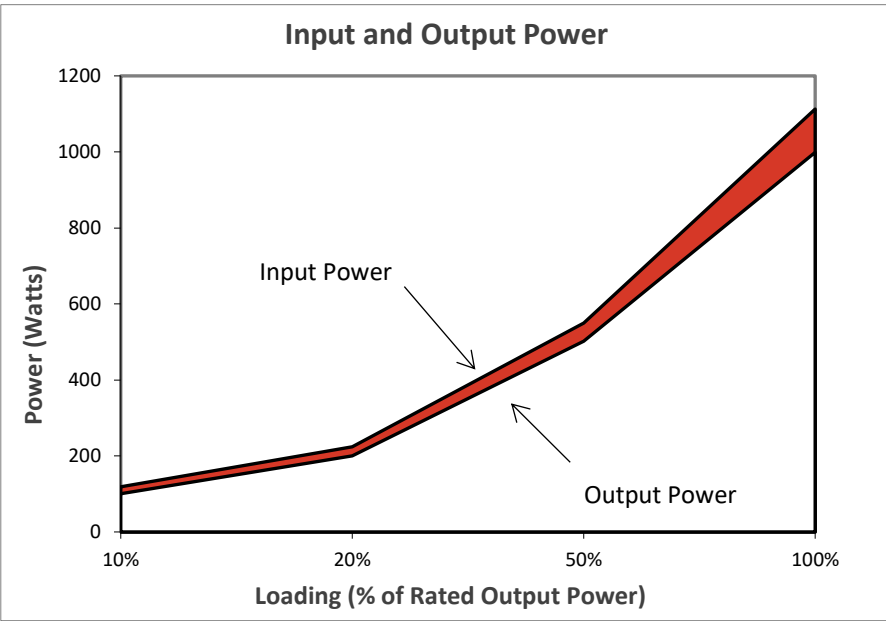
| Rated Specifications | Value   | Units |
|----------------------|---------|-------|
| Input Voltage        | 100-240 | Volts |
| Input Current        | 13-6.5  | Amps  |
| Input Frequency      | 50-60   | Hz    |
| Rated Output Power   | 1000    | Watts |

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



Input AC Current Waveform (ITHD = 15.07%, 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      |              |            |
| 1.137            | 0.9067 | 14.93%           | 10%  | 118.52      | 12.02/7.44                                   | 12.03/0.03 | 3.37/1.08  | 5/1.08    | 5.12/0.27 | 100.22       | 84.56%     |
| 2.066            | 0.9446 | 14.72%           | 20%  | 224.30      | 12.02/14.9                                   | 12.03/0.05 | 3.37/2.16  | 5/2.16    | 5.1/0.54  | 200.48       | 89.38%     |
| 4.891            | 0.9770 | 15.07%           | 50%  | 549.70      | 12/37.35                                     | 12.06/0.13 | 3.36/5.4   | 4.99/5.35 | 5.07/1.35 | 501.40       | 91.21%     |
| 9.782            | 0.9891 | 11.07%           | 100% | 1112.70     | 11.97/74.56                                  | 12.1/0.27  | 3.35/10.82 | 4.99/10.7 | 5.02/2.68 | 998.80       | 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/>