

80 PLUS Verification and Testing Report

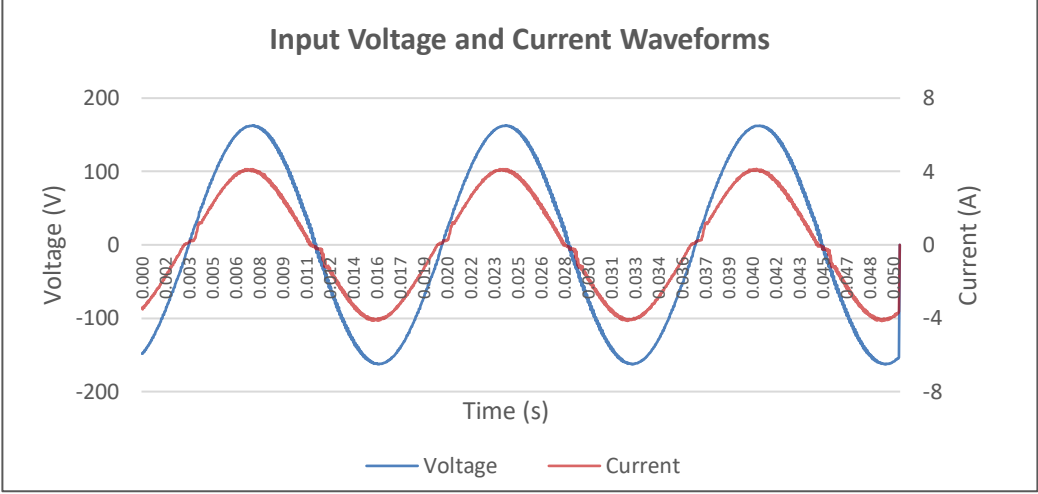
|                                |        |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 87.53% |
| AVERAGE EFFICIENCY :           | 82.11% |
| 80 PLUS COMPLIANT:             | Bronze |



|               |                |
|---------------|----------------|
| ID Number     | 7629           |
| Manufacturer  | Antec          |
| Model Number  | X5000A533XC-24 |
| Serial Number | N/A            |
| Type          | ATX12V, EPS12V |
| Test Date     | 11/5/24        |

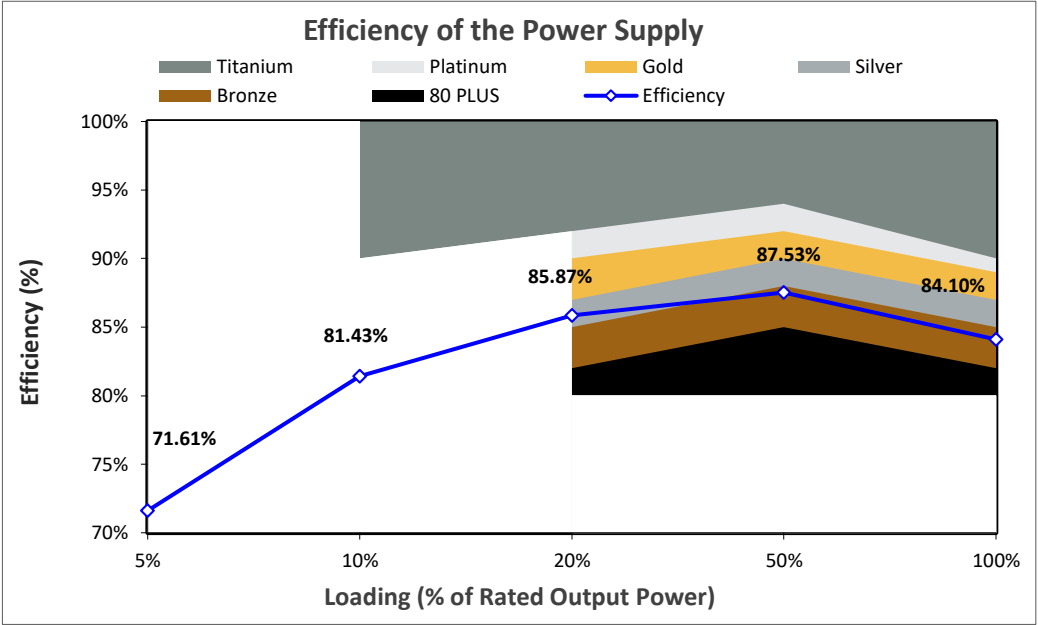
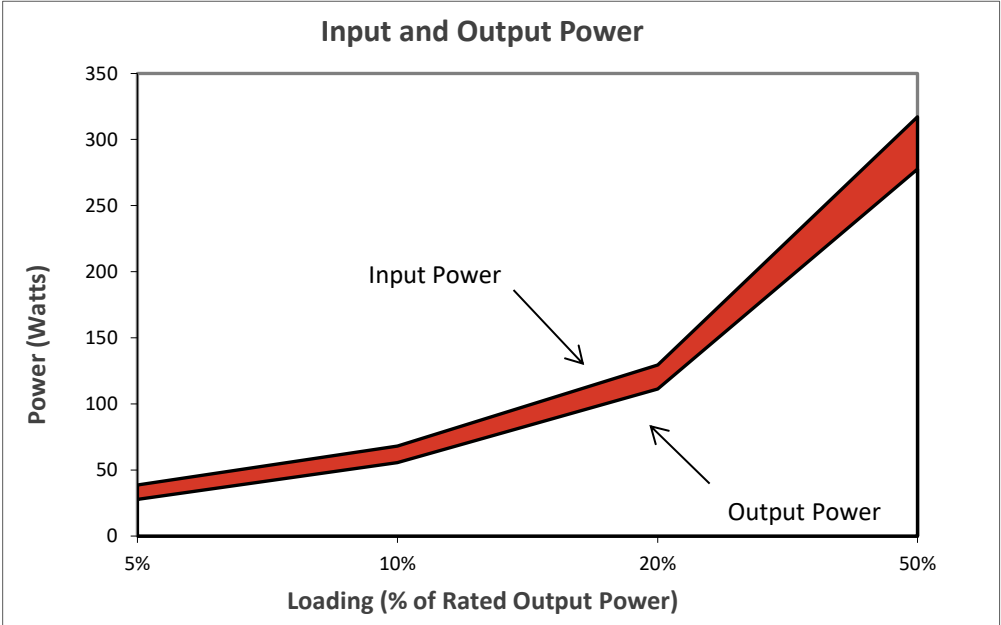
| Rated Specifications | Value   | Units |
|----------------------|---------|-------|
| Input Voltage        | 100-240 | Volts |
| Input Current        | 12      | Amps  |
| Input Frequency      | 50-60   | Hz    |
| Rated Output Power   | 550     | Watts |

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



Input AC Current Waveform (ITHD = 6.17%, 50% Load)

| I <sub>RMS</sub> (A) | PF     | I <sub>THD</sub> (%) | Load | Input<br>Watts | DC Terminal Voltage (V)/ DC Load Current (A) |             |           |           |            | Output<br>Watts | Efficiency |
|----------------------|--------|----------------------|------|----------------|----------------------------------------------|-------------|-----------|-----------|------------|-----------------|------------|
|                      |        |                      |      |                | 12V (cumulative of 12V1, 12V2, etc.)         |             | -12V      | 3.3V      | 5V         |                 |            |
| 0.093                | 0.5524 | 25.60                | 0%   | 5.93           | No-Load                                      |             |           |           |            |                 |            |
| 0.354                | 0.9523 | 20.77                | 5%   | 38.82          | 12.11/1.89                                   | 11.91/0.021 | 3.37/0.5  | 5.09/0.5  | 5.16/0.103 | 27.80           | 71.61%     |
| 0.607                | 0.9778 | 12.97                | 10%  | 68.28          | 12.11/3.77                                   | 11.93/0.041 | 3.37/0.99 | 5.08/0.99 | 5.15/0.206 | 55.60           | 81.43%     |
| 1.144                | 0.9839 | 12.39                | 20%  | 129.45         | 12.11/7.54                                   | 11.97/0.082 | 3.36/1.98 | 5.08/1.98 | 5.13/0.412 | 111.16          | 85.87%     |
| 2.771                | 0.9958 | 6.17                 | 50%  | 317.20         | 12.11/18.86                                  | 12.05/0.206 | 3.34/4.96 | 5.05/4.96 | 5.08/1.029 | 277.63          | 87.53%     |
| 5.748                | 0.9984 | 3.75                 | 100% | 659.85         | 12.12/37.71                                  | 12.27/0.412 | 3.3/9.92  | 5.02/9.92 | 4.99/2.058 | 554.96          | 84.10%     |



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/>