

80 PLUS Verification and Testing Report

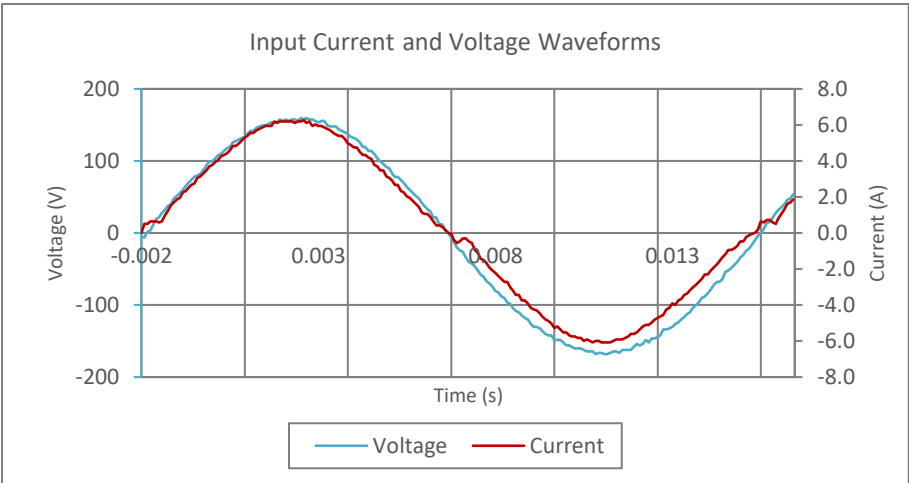
|                                |        |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 91.49% |
| AVERAGE EFFICIENCY :           | 90.50% |
| 80 PLUS COMPLIANT:             | YES    |



|               |                 |
|---------------|-----------------|
| ID Number     | 6228.2          |
| Manufacturer  | Antec           |
| Model Number  | X7000SA986FU-23 |
| Serial Number | N/A             |
| Year          | 2020            |
| Type          | ATX12V,SFX      |
| Test Date     | 12/10/20        |

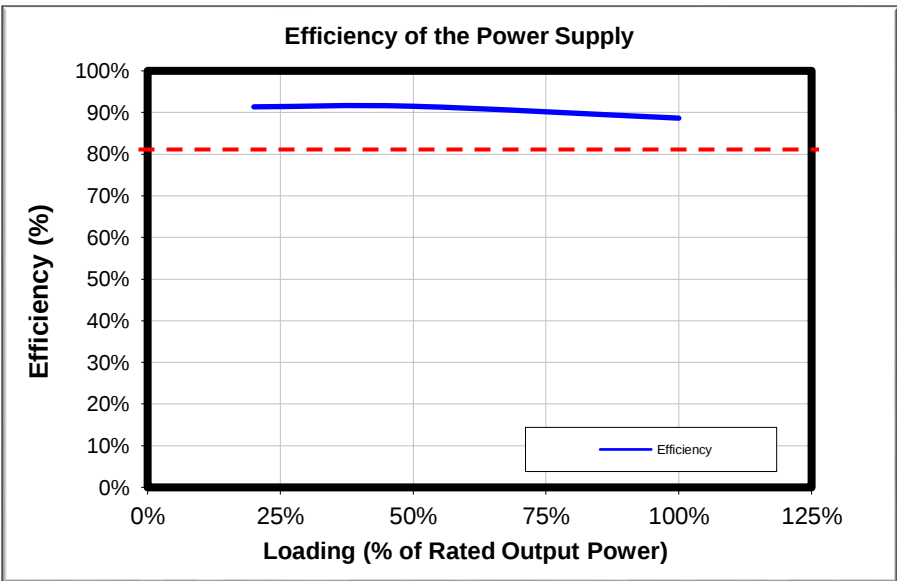
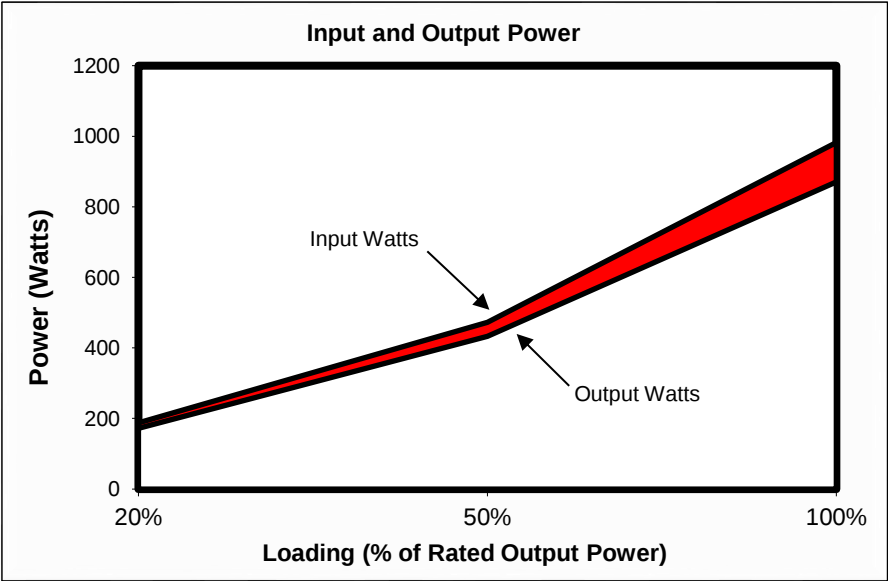
| Rated Specifications | Value   | Units |
|----------------------|---------|-------|
| Input Voltage        | 100-240 | Volts |
| Input Current        | 12-6    | Amps  |
| Input Frequency      | 50-60   | Hz    |
| Rated Output Power   | 850     | Watts |

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



Input AC Current Waveform (ITHD = 7.02%, 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      |              |            |
| 0.88             | 0.97 | 25.06%           | 10%  | 97.82       | 12.03/6.15                                   | 11.92/0.03 | 3.35/1.25  | 5.08/1.25 | 5.05/0.22 | 85.98        | 87.90%     |
| 1.66             | 0.98 | 17.96%           | 20%  | 187.84      | 12.06/12.25                                  | 11.92/0.05 | 3.38/2.49  | 5.11/2.48 | 5.04/0.43 | 171.60       | 91.36%     |
| 4.13             | 1.00 | 7.02%            | 50%  | 473.00      | 12.12/30.68                                  | 11.92/0.13 | 3.48/6.24  | 5.18/6.18 | 5/1.08    | 432.75       | 91.49%     |
| 8.55             | 1.00 | 4.43%            | 100% | 982.20      | 12.19/61.25                                  | 11.93/0.26 | 3.58/12.48 | 5.3/12.34 | 4.93/2.15 | 870.62       | 88.64%     |



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/>