

80 PLUS Verification and Testing Report

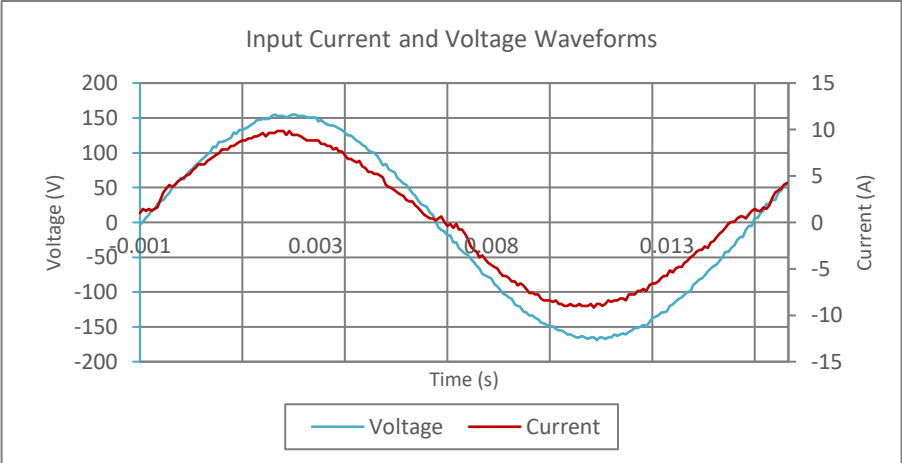
|                                |        |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 92.65% |
| AVERAGE EFFICIENCY :           | 91.41% |
| 80 PLUS COMPLIANT:             | YES    |



|               |               |
|---------------|---------------|
| ID Number     | 5124.1        |
| Manufacturer  | Antec Inc.    |
| Model Number  | X8000A506 -18 |
| Serial Number | N/A           |
| Year          | 2017          |
| Type          | ATX12V,EPS12V |
| Test Date     | 1/1/17        |

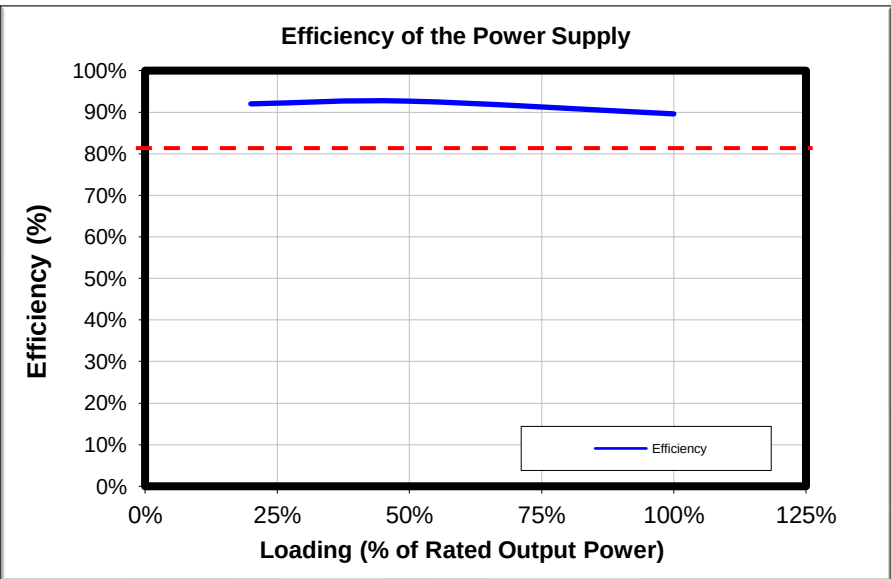
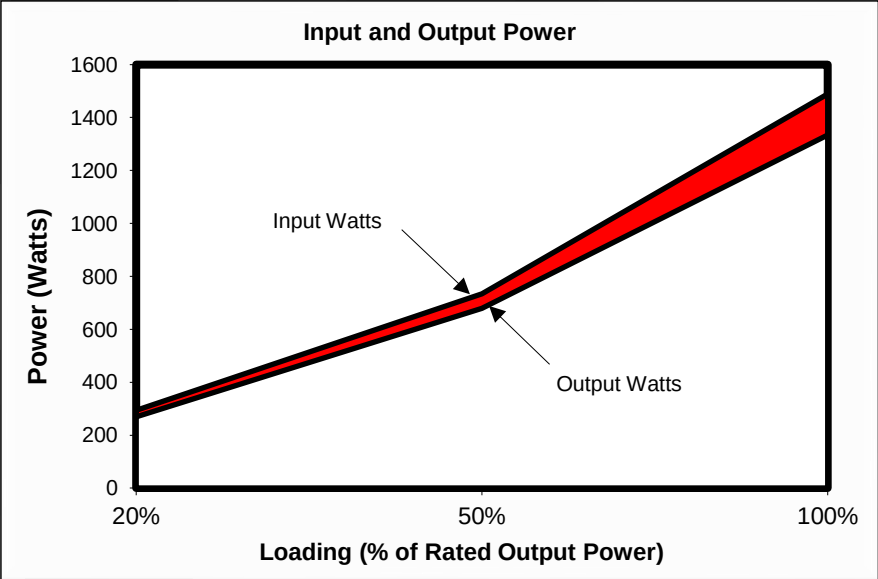
| Rated Specifications | Value   | Units |
|----------------------|---------|-------|
| Input Voltage        | 110-240 | Volts |
| Input Current        | 15-7.5  | Amps  |
| Input Frequency      | 50-60   | Hz    |
| Rated Output Power   | 1320    | Watts |

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



Input AC Current Waveform (ITHD = 5.582%, 50% Load)

| I <sub>RMS</sub> | 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         | 5Vsb      |                 |            |
| 1.33             | 0.98 | 5.00%            | 10%  | 150.47         | 12.16/9.92                                   | 11.85/0.03 | 3.32/1.38  | 5.02/1.38  | 5.01/0.28 | 133.87          | 88.97%     |
| 2.60             | 0.98 | 14.55%           | 20%  | 293.02         | 12.22/19.9                                   | 11.84/0.06 | 3.34/2.76  | 5.02/2.74  | 5.01/0.55 | 269.57          | 92.00%     |
| 6.41             | 1.00 | 5.58%            | 50%  | 733.75         | 12.35/49.69                                  | 11.86/0.14 | 3.34/6.91  | 5.02/6.84  | 5/1.38    | 679.82          | 92.65%     |
| 12.97            | 1.00 | 3.41%            | 100% | 1489.20        | 12.17/98.85                                  | 11.9/0.28  | 3.32/13.82 | 5.01/13.66 | 4.98/2.74 | 1334.09         | 89.58%     |



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/>

