

## 80 PLUS Verification and Testing Report

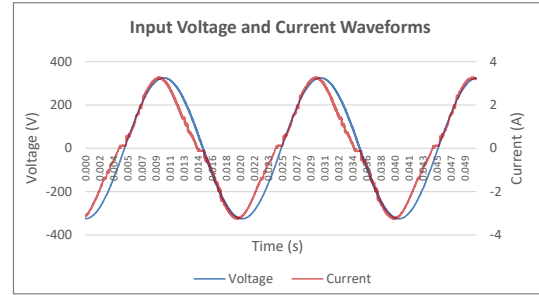
|                                |        |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 92.99% |
| AVERAGE EFFICIENCY :           | 89.15% |
| 80 PLUS COMPLIANT:             | Gold   |



|               |                |
|---------------|----------------|
| ID Number     | EU-956         |
| Manufacturer  | Xilence        |
| Model Number  | XP850R12       |
| Serial Number | 340X3180000503 |
| Year          | 2023           |
| Type          | ATX12V         |
| Test Date     | 6/19/23        |

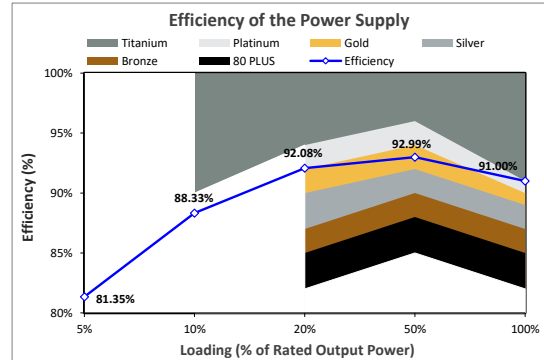
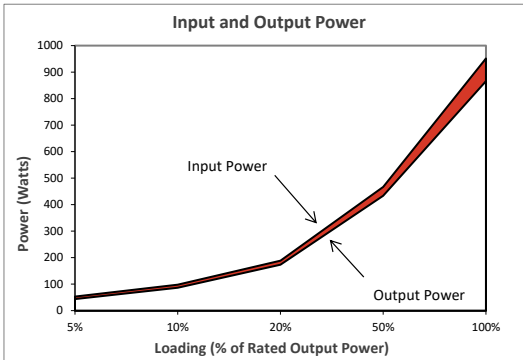
| Rated Specifications | Value   | Units |
|----------------------|---------|-------|
| Input Voltage        | 200-240 | Volts |
| Input Current        | 6.3     | Amps  |
| Input Frequency      | 50-60   | Hz    |
| Rated Output Power   | 850     | Watts |

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 12.75%, 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         | 5Vsb       |           |                 |            |
| 0.124                | 0.2951 | 34.91                | 0%   | 8.42           | No-Load                                      |            |            |            |           |                 |            |
| 0.315                | 0.7356 | 25.15                | 5%   | 53.24          | 12.18/3.12                                   | 12.13/0.01 | 3.36/0.53  | 5.08/0.53  | 5.11/0.13 | 43.31           | 81.35%     |
| 0.491                | 0.8677 | 17.33                | 10%  | 97.93          | 12.17/6.23                                   | 11.91/0.03 | 3.36/1.06  | 5.08/1.06  | 5.1/0.26  | 86.50           | 88.33%     |
| 0.868                | 0.9431 | 13.89                | 20%  | 188.26         | 12.19/12.48                                  | 11.85/0.06 | 3.35/2.12  | 5.07/2.12  | 5.09/0.53 | 173.35          | 92.08%     |
| 2.073                | 0.9784 | 12.75                | 50%  | 466.33         | 12.21/31.23                                  | 11.94/0.13 | 3.32/5.28  | 5.04/5.28  | 5.04/1.32 | 433.66          | 92.99%     |
| 4.193                | 0.9867 | 12.12                | 100% | 951.43         | 12.24/62.3                                   | 12.23/0.27 | 3.27/10.55 | 4.99/10.57 | 4.96/2.63 | 865.79          | 91.00%     |



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/>