

# 80 PLUS Verification and Testing Report

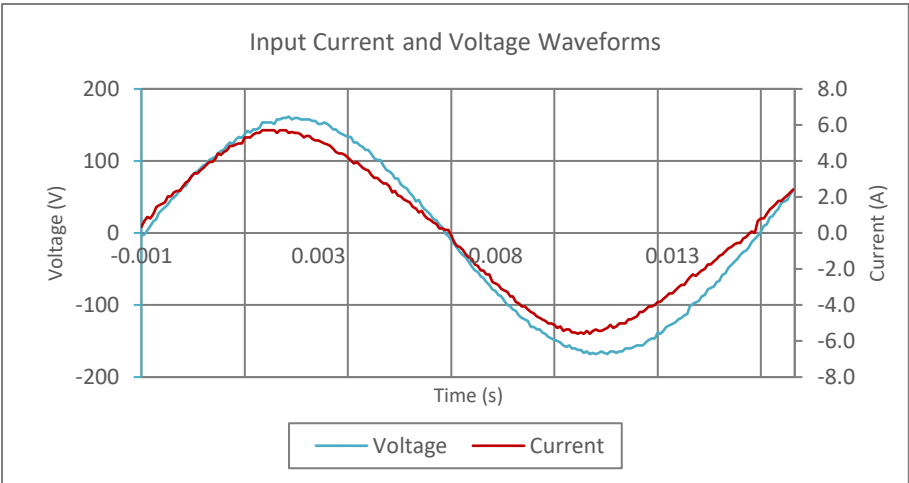
|                                |        |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 91.59% |
| AVERAGE EFFICIENCY :           | 90.29% |
| 80 PLUS COMPLIANT:             | YES    |



|               |              |
|---------------|--------------|
| ID Number     | 6563         |
| Manufacturer  | HP, Inc.     |
| Model Number  | DPS-800AB-62 |
| Serial Number | 000013       |
| Year          | 2021         |
| Type          | ATX12V       |
| Test Date     | 4/20/21      |

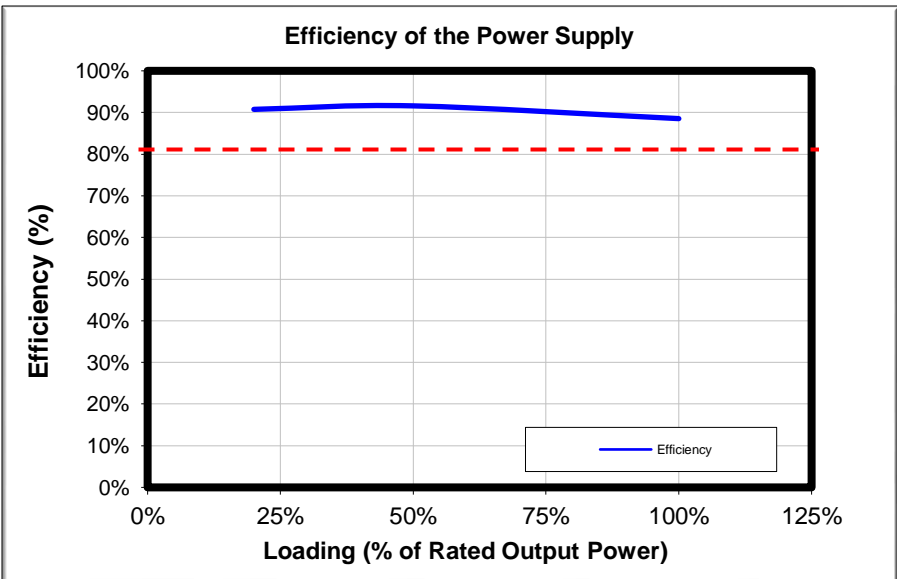
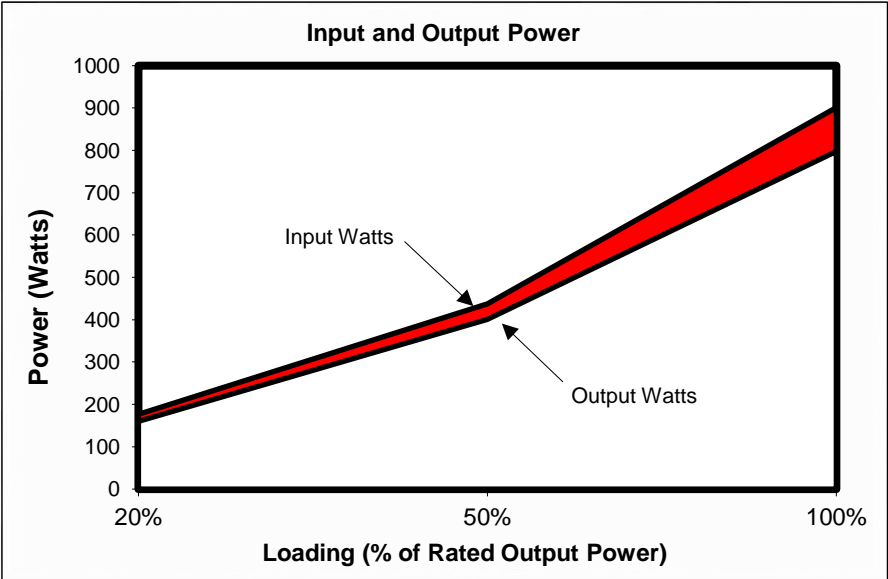
| Rated Specifications | Value   | Units |
|----------------------|---------|-------|
| Input Voltage        | 100-240 | Volts |
| Input Current        | 10-5.1  | Amps  |
| Input Frequency      | 50-60   | Hz    |
| Rated Output Power   | 800     | Watts |

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



Input AC Current Waveform (ITHD = 5.1%, 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 |         |
|------------------|------|------------------|------|----------------|----------------------------------------------|--|------------|------------|-----------------|------------|---------|
|                  |      |                  |      |                | 12.1V (cumulative of 12V1, 12V2, etc.)       |  | 3.3V       | 5V         |                 |            | 5.08Vsb |
| 0.97             | 0.87 | 12.70%           | 10%  | 96.86          | 12.11/5.58                                   |  | 3.31/1.03  | 5.02/1.54  | 5.07/0.37       | 80.53      | 83.14%  |
| 1.56             | 0.98 | 6.05%            | 20%  | 176.80         | 12.1/11.13                                   |  | 3.3/2.05   | 5.01/3.06  | 5.06/0.74       | 160.45     | 90.75%  |
| 3.82             | 1.00 | 5.10%            | 50%  | 437.40         | 12.07/27.85                                  |  | 3.29/5.13  | 4.99/7.63  | 5.04/1.85       | 400.61     | 91.59%  |
| 7.86             | 1.00 | 5.23%            | 100% | 901.00         | 12.05/55.61                                  |  | 3.27/10.27 | 4.96/15.24 | 4.99/3.69       | 797.62     | 88.53%  |



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/>