

# 80 PLUS Verification and Testing Report

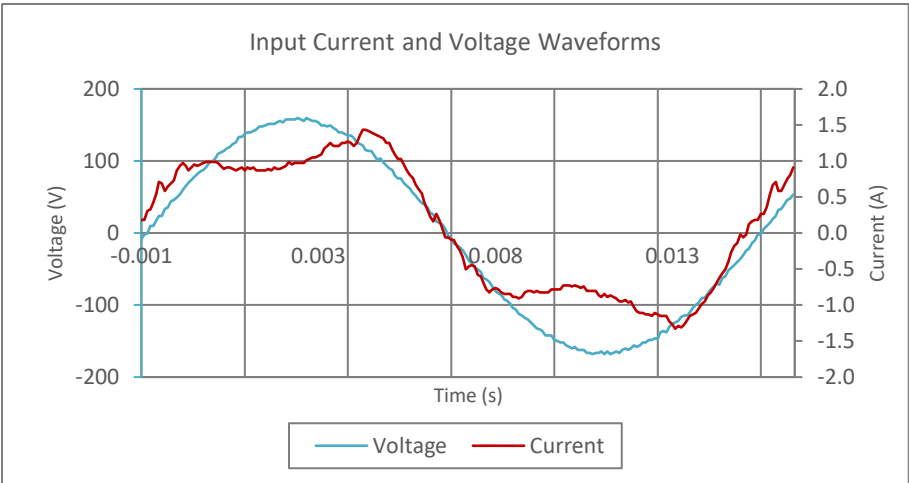
|                                |        |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 91.36% |
| AVERAGE EFFICIENCY :           | 90.02% |
| 80 PLUS COMPLIANT:             | YES    |



|               |              |
|---------------|--------------|
| ID Number     | 6656         |
| Manufacturer  | HP, Inc.     |
| Model Number  | DPS-180AB-34 |
| Serial Number | N/A          |
| Year          | 2021         |
| Type          | Other, SFF   |
| Test Date     | 8/23/21      |

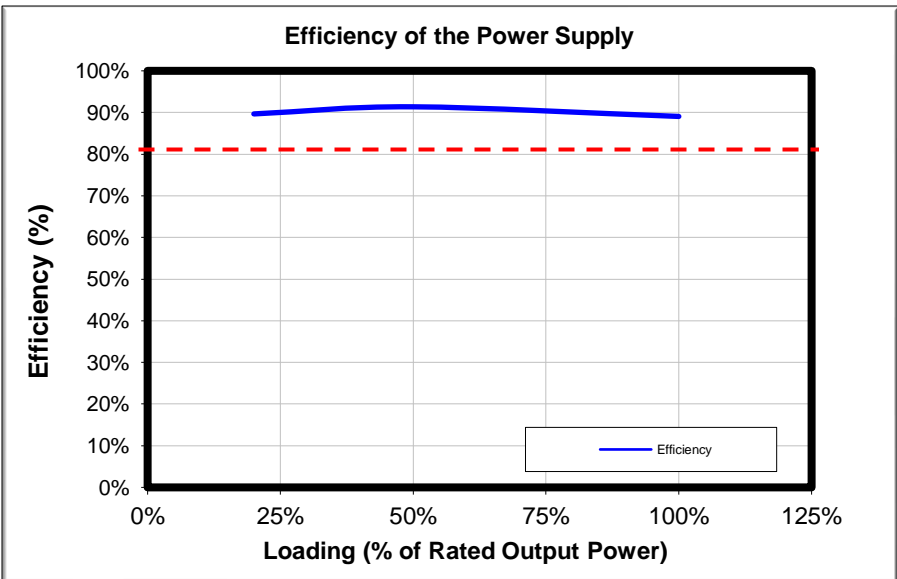
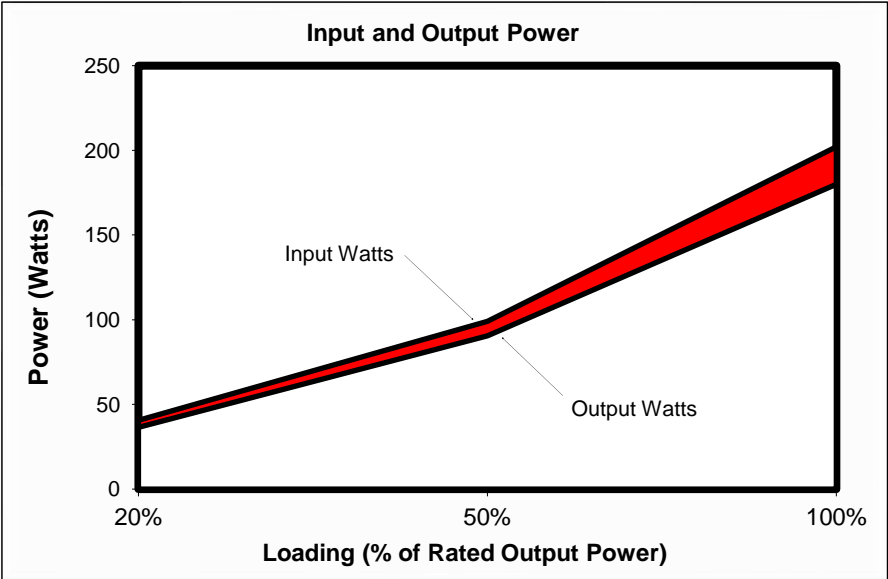
| Rated Specifications | Value   | Units |
|----------------------|---------|-------|
| Input Voltage        | 100-240 | Volts |
| Input Current        | 2.3     | Amps  |
| Input Frequency      | 50-60   | Hz    |
| Rated Output Power   | 180     | Watts |

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



Input AC Current Waveform (ITHD = 25.19%, 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 |
|------------------|------|------------------|------|-------------|--|--------------|------------|
|                  |      |                  |      |             | 12.1V (cumulative of 12V1, 12V2, etc.)       |              |            |
| 0.38             | 0.47 | 36.48%           | 10%  | 20.28       | 12.19/1.5                                    | 18.25        | 89.98%     |
| 0.40             | 0.87 | 55.21%           | 20%  | 40.66       | 12.18/2.99                                   | 36.45        | 89.66%     |
| 0.89             | 0.97 | 25.19%           | 50%  | 99.17       | 12.13/7.47                                   | 90.61        | 91.36%     |
| 1.76             | 1.00 | 8.48%            | 100% | 202.10      | 12.05/14.94                                  | 179.97       | 89.05%     |



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/>