

80 PLUS Verification and Testing Report

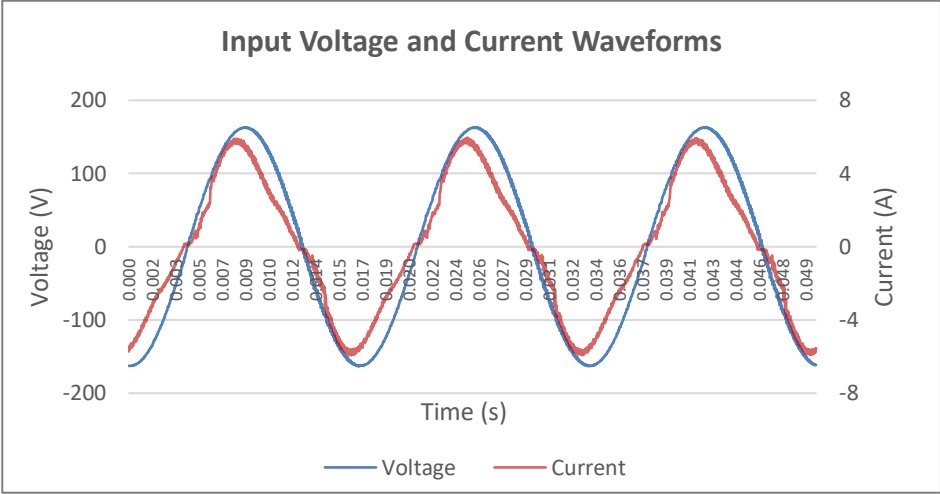
|                                |        |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 91.08% |
| AVERAGE EFFICIENCY :           | 87.24% |
| 80 PLUS COMPLIANT:             | Gold   |



|               |            |
|---------------|------------|
| ID Number     | 7257       |
| Manufacturer  | DeepCool   |
| Model Number  | PN750D-FC  |
| Serial Number | 2023000043 |
| Year          | 2023       |
| Type          | ATX12V     |
| Test Date     | 1/4/24     |

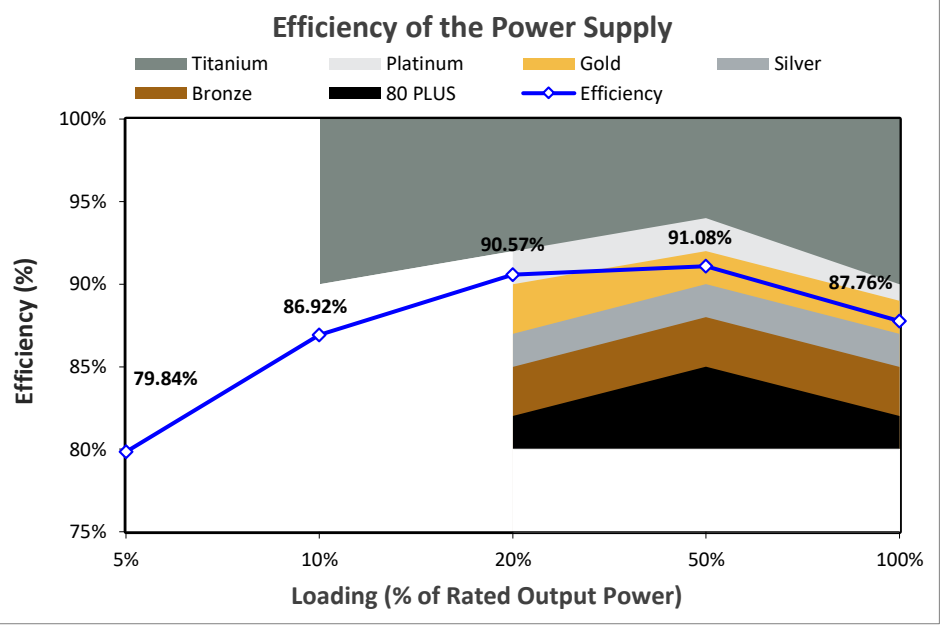
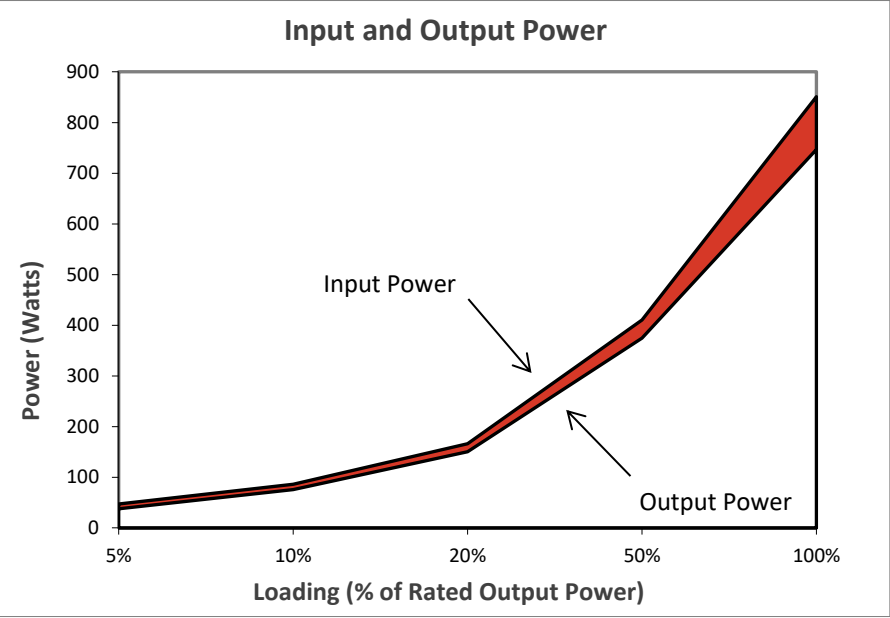
| Rated Specifications |  | Value   | Units |
|----------------------|--|---------|-------|
| Input Voltage        |  | 100-240 | Volts |
| Input Current        |  | 10-5    | Amps  |
| Input Frequency      |  | 50-60   | Hz    |
| Rated Output Power   |  | 750     | Watts |

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



Input AC Current Waveform (ITHD = 15.88%, 50% Load)

| I <sub>RMS</sub> (A) | 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         | 5Vstb      |              |            |
| 0.166                | 0.6099 | 23.00                | 0%   | 11.63       | No-Load                                      |             |            |            |            |              |            |
| 0.448                | 0.9101 | 21.41                | 5%   | 46.92       | 11.95/2.67                                   | 11.96/0.013 | 3.34/0.57  | 5.07/0.57  | 5.11/0.128 | 37.46        | 79.84%     |
| 0.787                | 0.9516 | 20.35                | 10%  | 86.18       | 11.95/5.34                                   | 11.91/0.026 | 3.34/1.13  | 5.07/1.13  | 5.1/0.256  | 74.91        | 86.92%     |
| 1.480                | 0.9720 | 17.51                | 20%  | 165.42      | 11.96/10.67                                  | 11.68/0.051 | 3.34/2.26  | 5.07/2.26  | 5.08/0.512 | 149.82       | 90.57%     |
| 3.636                | 0.9813 | 15.88                | 50%  | 410.53      | 11.94/26.68                                  | 11.51/0.128 | 3.34/5.66  | 5.07/5.66  | 5.02/1.28  | 373.93       | 91.08%     |
| 7.509                | 0.9855 | 13.07                | 100% | 850.71      | 11.92/53.36                                  | 11.74/0.256 | 3.34/11.31 | 5.07/11.31 | 4.91/2.56  | 746.60       | 87.76%     |



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/>