

# 80 PLUS Verification and Testing Report

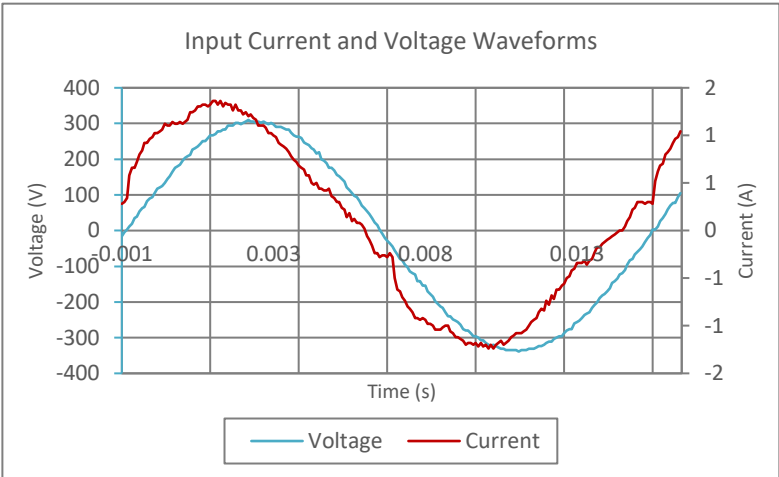
|                                |        |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 94.50% |
| AVERAGE EFFICIENCY :           | 93.65% |
| 80 PLUS COMPLIANT:             | YES    |



|               |                         |
|---------------|-------------------------|
| ID Number     | SO-1360.4               |
| Manufacturer  | Delta Electronics, Inc. |
| Model Number  | DPS-350AB-34 D          |
| Serial Number | N/A                     |
| Year          | 2017                    |
| Type          | 1U                      |
| Test Date     | 01/24/18                |

| Rated Specifications | Value   | Units |
|----------------------|---------|-------|
| Input Voltage        | 100-240 | Volts |
| Input Current        | 4-2     | Amps  |
| Input Frequency      | 50-60   | Hz    |
| Rated Output Power   | 350     | Watts |

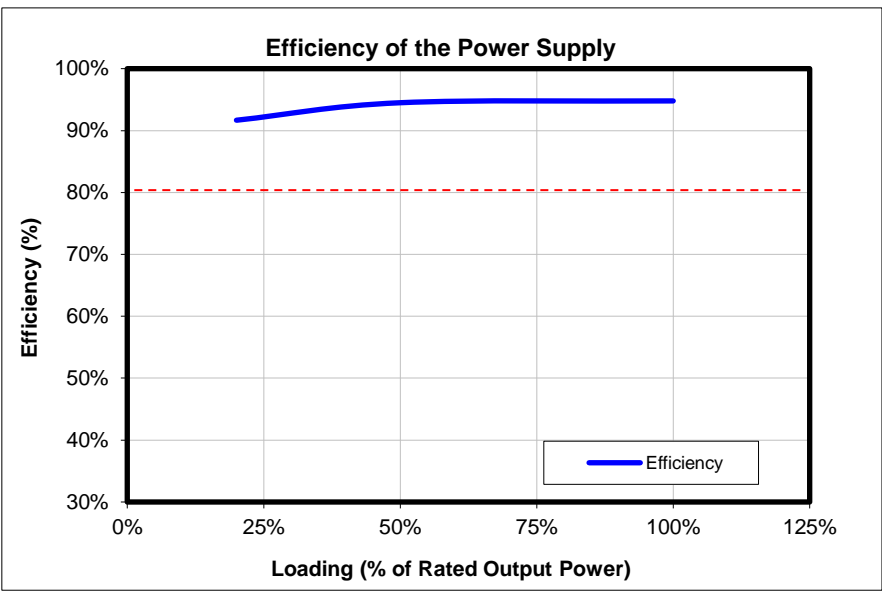
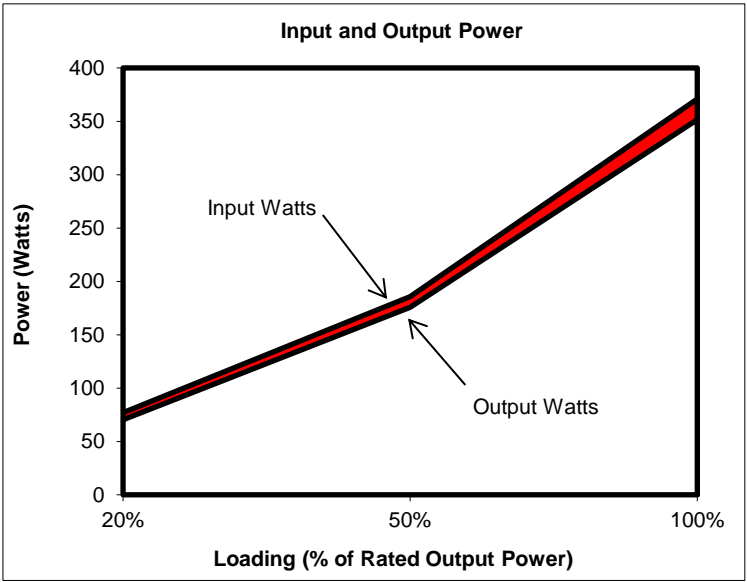
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 9.08%, 50% Load)

| I <sub>RMS</sub> | PF   | I <sub>THD</sub> | Load | Fraction of Load | Input Watts | External Fan (W)* | DC Terminal Voltage (V)/ DC Load Current (A) | Output Watts | Efficiency |
|------------------|------|------------------|------|------------------|-------------|-------------------|--|--------------|------------|
|                  |      |                  |      |                  |             |                   | -56V   |              |            |
| 0.35             | 0.52 | 17.55%           | 10%  | Low              | 41          | 0.72              | 56.09/0.63                                   | 35           | 84.86%     |
| 0.48             | 0.70 | 14.57%           | 20%  | Light            | 77          | 0.84              | 56.09/1.26                                   | 70           | 91.67%     |
| 0.89             | 0.91 | 9.08%            | 50%  | Typical          | 186         | 0.72              | 56.08/3.13                                   | 176          | 94.50%     |
| 1.68             | 0.96 | 7.71%            | 100% | Full             | 371         | 2.16              | 56.09/6.27                                   | 352          | 94.79%     |

\* Fan power is not included in the efficiency calculations



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/>