80 PLUS Verification and Testing Report

| TYPICAL EFFICIENCY (50% Load): | 95.60% |
|--------------------------------|----------|
| AVERAGE EFFICIENCY : | 91.92% |
| 80 PLUS COMPLIANT: | Platinum |

| ID Number | SO-2569 |
|---------------|-------------------------|
| Manufacturer | Delta Electronics, Inc. |
| Model Number | DPS-1100AB-23 A |
| Serial Number | 2409D-T1658 |
| Туре | 10 |
| Test Date | 12/12/24 |

Value

100-240

15-6

50-60

1,100





Input AC Current Waveform (ITHD = 10.12%, 50% Load)

| Rated Output Power | 1,100 |
|-----------------------------------|--|
| Note: All measurements were taken | with input voltage at 230 V nominal and 60 Hz. |

Rated Specifications

Input Voltage

Input Current

Input Frequency

| I _{RMS} | PF | I _{THD (%)} | Load | Fraction | Input | External | DC Terminal Voltage (V)/ DC Load Current (A) | Output | Efficiency |
|------------------|--------|----------------------|------|----------|---------|----------|--|---------|------------|
| | | | | of Load | Watts | Fan (W)* | 54V | Watts | Efficiency |
| 0.146 | 0.0962 | 14.551 | 0% | No-Load | 3.24 | 0.62 | No-Load | | |
| 0.369 | 0.7556 | 26.646 | 5% | Minimum | 64.21 | 0.60 | 54.008/1.016 | 54.87 | 85.47% |
| 0.617 | 0.8681 | 10.703 | 10% | Low | 123.22 | 0.60 | 54.014/2.045 | 110.47 | 89.65% |
| 1.081 | 0.9446 | 7.380 | 20% | Light | 234.94 | 0.60 | 54.001/4.070 | 219.80 | 93.56% |
| 2.554 | 0.9792 | 10.122 | 50% | Typical | 575.27 | 0.60 | 53.987/10.187 | 549.96 | 95.60% |
| 5.038 | 0.9947 | 5.107 | 100% | Full | 1152.64 | 3.81 | 53.944/20.370 | 1098.86 | 95.33% |

Units

Volts

Amps

Watts

Hz

* Fan power is not included in the efficiency calculations, external fan voltage applied = 12.02Vdc







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. https://www.clearesult.com/80plus/ [clearesult.com]