



## SilverStone SX1000 Platinum

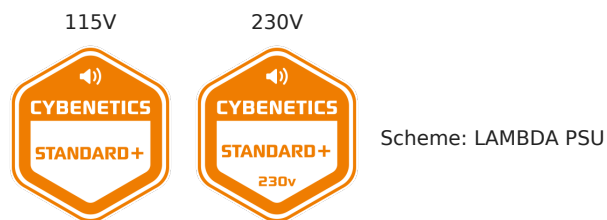
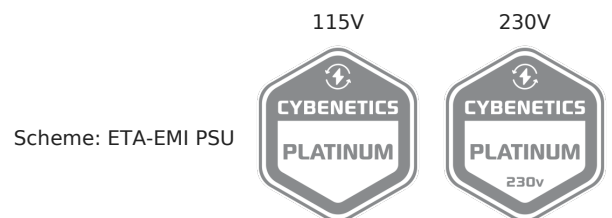
Serial Number DBSXX00LPT21040352

Lab ID SL10001831

Certification ID 251831

Test Result Report ID: 21PS1831A

Certificate Issue Date: Apr 20, 2021



A handwritten signature in blue ink, appearing to read "A. Bitziopoulos", is positioned above the name of the Certification Body General Manager.

Aristeidis Bitziopoulos, Certification Body General Manager

## General Information

### Test Equipment

|                       |                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------|
| Electronic Loads      | Chroma 63601-5 x2<br>Chroma 63600-2<br>Chroma 63640-80-80 x10<br>Chroma 63610-80-20 |
| AC Sources            | Chroma 6530, APM SP300VAC4000W-P, GW Instek ASR-3500                                |
| Power Analyzers       | Rohde & Schwarz HMC8015 & NPA701                                                    |
| Oscilloscopes         | Picoscope 4444, Siglent SDS2104X PLUS                                               |
| Sound Analyzer        | Bruel & Kjaer 2270 G4                                                               |
| Microphone            | Bruel & Kjaer Type 4955-A                                                           |
| Temperature Logger    | Picoscope TC-08                                                                     |
| Tachometer            | UNI-T UT372                                                                         |
| Multimeters           | Keysight 34465A                                                                     |
| EMI Analyzer          | TekBox TBMR-110M-EU                                                                 |
| Isolation Transformer | 4kVA                                                                                |
| UPS                   | FSP Champ Tower 3kVA, CyberPower OLS3000E 3kVA                                      |
| Testing Methodology   | Cybenetics PSU Test Protocol                                                        |

### DUT Information(Non-accredited measurements)

|                                   |                     |
|-----------------------------------|---------------------|
| Product Identification Details    |                     |
| Brand                             | SilverStone         |
| Model                             | SX1000 Platinum     |
| OEM/ODM                           | Enhance Electronics |
| Serial Number                     | DBSXXK00LPT21040352 |
| Product Specifications            |                     |
| Manufacturer-Provided Information |                     |
| Rated Voltage (Vrms)              | 100-240             |
| Rated Current (Arms)              | 12-6                |
| Rated Frequency (Hz)              | 50-60               |

|                                                   |                                                                                     |
|---------------------------------------------------|-------------------------------------------------------------------------------------|
| Rated Power (W)                                   | 1000                                                                                |
| Operating Temperature (Continuous Full Load) (°C) |                                                                                     |
| Type                                              | SFX-L                                                                               |
| Cable Design                                      | Fully Modular                                                                       |
| Warranty                                          | -                                                                                   |
| Cybenetics Measurements                           |                                                                                     |
| Dimensions (W x H x D)                            |                                                                                     |
| Weight                                            |                                                                                     |
| Cooling                                           | 120mm Double Ball Bearing Fan<br>(B1201512HB)                                       |
| Semi-Passive Operation                            | ✓                                                                                   |
| Cybenetics Testing Information                    |                                                                                     |
| Lab ID                                            | SL10001831                                                                          |
| Date of receipt                                   | Mar 10, 2021                                                                        |
| Testing Date                                      | Apr 14, 2021                                                                        |
| Report Issued Date                                | Apr 20, 2021                                                                        |
| Engineer Name                                     | -                                                                                   |
| Authorized By the Laboratory Technical Manager    | Aristeidis Bitziopoulos                                                             |
| Signature                                         |  |

### Cables and Connectors(Non-accredited measurements)

| Modular Cables                                 |             |                         |          |                     |
|------------------------------------------------|-------------|-------------------------|----------|---------------------|
| Description                                    | Cable Count | Connector Count (Total) | Gauge    | In Cable Capacitors |
| ATX connector 20+4 pin (300mm)                 | 1           | 1                       | 16-22AWG | No                  |
| 4+4 pin EPS12V (410mm)                         | 2           | 2                       | 16AWG    | No                  |
| 6+2 pin PCIe (410mm+150mm)                     | 3           | 6                       | 16-18AWG | No                  |
| SATA (310mm+195mm+95mm+95mm)                   | 2           | 8                       | 18AWG    | No                  |
| 4-pin Molex (310mm+195mm+195mm) / FDD (+100mm) | 1           | 3 / 1                   | 18-22AWG | No                  |
| AC Power Cord (1370mm) - C13 coupler           | 1           | 1                       | 16AWG    | -                   |

Power Specifications

|                      |       |      |    |       |      |      |
|----------------------|-------|------|----|-------|------|------|
| Rail                 |       | 3.3V | 5V | 12V   | 5VSB | -12V |
| Max. Power           | Amps  | 25   | 25 | 83.3  | 3    | 0.3  |
|                      | Watts | 125  |    | 999.6 | 15   | 3.6  |
| Total Max. Power (W) |       | 1000 |    |       |      |      |

Test Results

Temperature & Compliance Info

|                                              |                   |
|----------------------------------------------|-------------------|
| Temperature Range (°C /°F)                   | 28-32 / 82.4-89.6 |
| ErP Lot 3/6 Ready                            | ✓                 |
| (EU) No 617/2013 Compliance                  | ✓                 |
| ALPM (Alternative Low Power Mode) compatible | ✓                 |

Performance Summary

115V

|                                                |          |
|------------------------------------------------|----------|
| Accredited                                     |          |
| Average Efficiency (>1450 load combinations)   | 90.063%  |
| Average Noise Output (>1450 Load Combinations) | 36.09dBA |
| Average PF (>1450 Load Combinations)           | 0.987    |
| Efficiency With 10W (≤500W) or 2% (>500W) Load | 68.738%  |
| Standby Power Consumption                      | 0.0605W  |
| Non-Accredited                                 |          |
| 12V Ripple (Full Load)                         | 71.72mV  |
| 5V Ripple (Full Load)                          | 14.51mV  |
| 3.3V Ripple (Full Load)                        | 22.37mV  |
| 5VSB Ripple (Full Load)                        | 22.65mV  |
| 12V Load Regulation                            | 0.94%    |
| 5V Load Regulation                             | 1.86%    |

|                      |         |
|----------------------|---------|
| 3.3V Load Regulation | 2.63%   |
| 5VSB Load Regulation | 2.69%   |
| Inrush Current       | 26.540A |

## 230V

|                                                |          |         |
|------------------------------------------------|----------|---------|
| Accredited                                     |          |         |
| Average Efficiency (>1450 load combinations)   | 92.148%  |         |
| Average Noise Output (>1450 Load Combinations) | 36.23dBA |         |
| Average PF (>1450 Load Combinations)           | 0.935    |         |
| Efficiency With 10W (≤500W) or 2% (>500W) Load | -        |         |
| Standby Power Consumption                      | 0.1052W  |         |
| Non-Accredited                                 |          |         |
| 12V Ripple (Full Load)                         | 69.91mV  |         |
| 5V Ripple (Full Load)                          | 13.75mV  |         |
| 3.3V Ripple (Full Load)                        | 22.39mV  |         |
| 5VSB Ripple (Full Load)                        | 22.34mV  |         |
| 12V Load Regulation                            | 0.85%    |         |
| 5V Load Regulation                             | 1.84%    |         |
| 3.3V Load Regulation                           | 2.60%    |         |
| 5VSB Load Regulation                           | 2.69%    |         |
| Inrush Current                                 | 55.480A  |         |
| Hold-Up Time & PWR_OK Signal                   | 18.80ms  |         |
| AC Loss to PWR_OK Hold Up Time                 | 17.50ms  |         |
| PWR_OK Inactive to DC Loss Delay               | 1.30ms   |         |
| PSU Timings: T1 (20% / 100%)                   | 156.0ms  | 155.0ms |
| PSU Timings: T3 (20% / 100%)                   | 130.0ms  | 131.0ms |
| OPP (24.50°C / 42.70°C)                        | 140.26%  | 122.06% |

## Hold-Up Time & PWR\_OK Signal

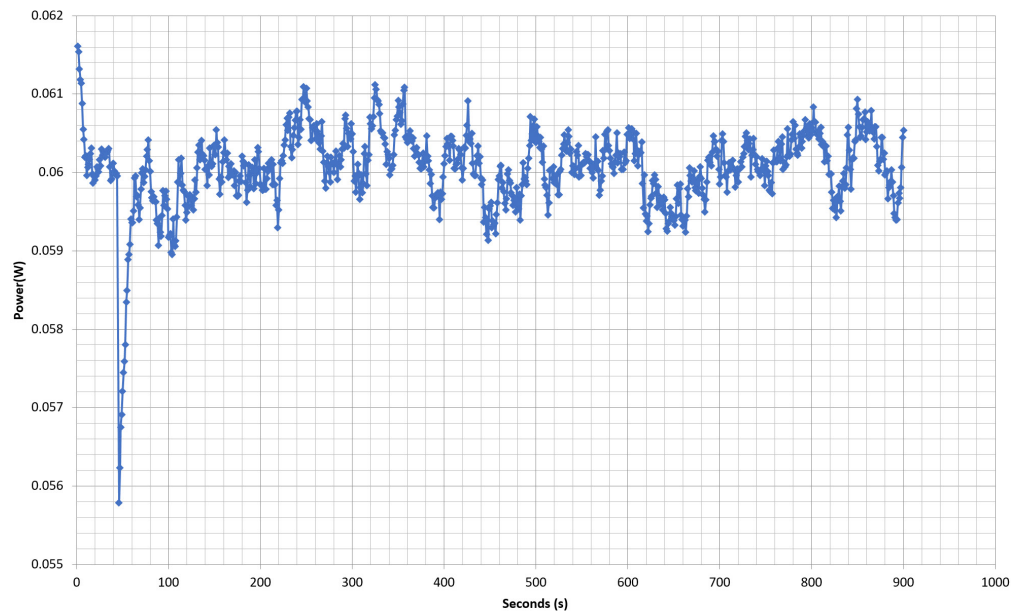
|                                       |      |
|---------------------------------------|------|
| Hold-Up Time (ms)                     | 18.8 |
| AC Loss to PWR_OK Hold Up Time (ms)   | 17.5 |
| PWR_OK Inactive to DC Loss Delay (ms) | 1.3  |



### Graphs

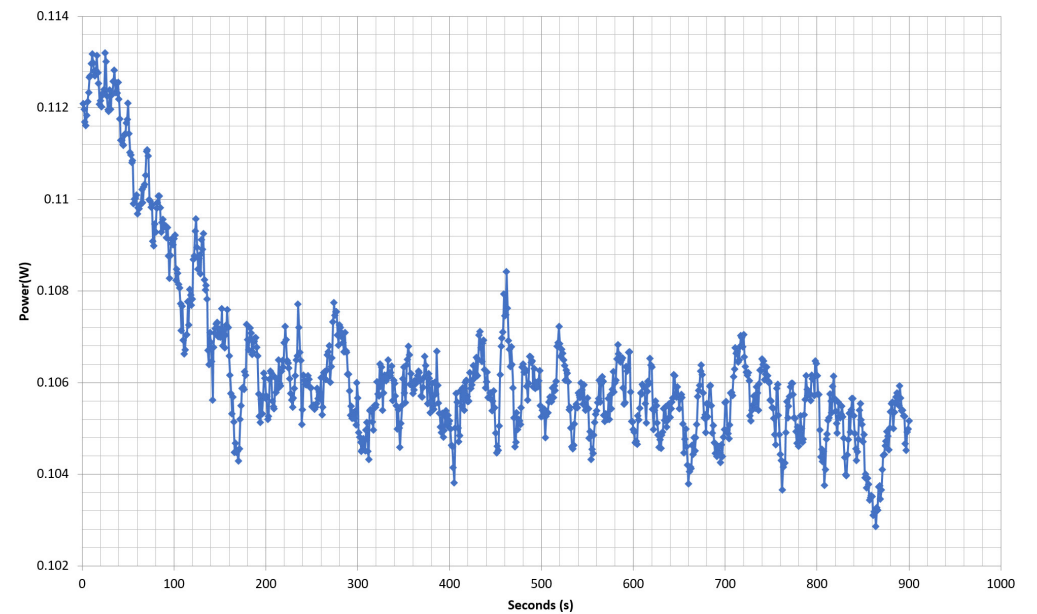
115V

Power - DBSXX00LPT21040352 - 09/04/2021 - 09:01



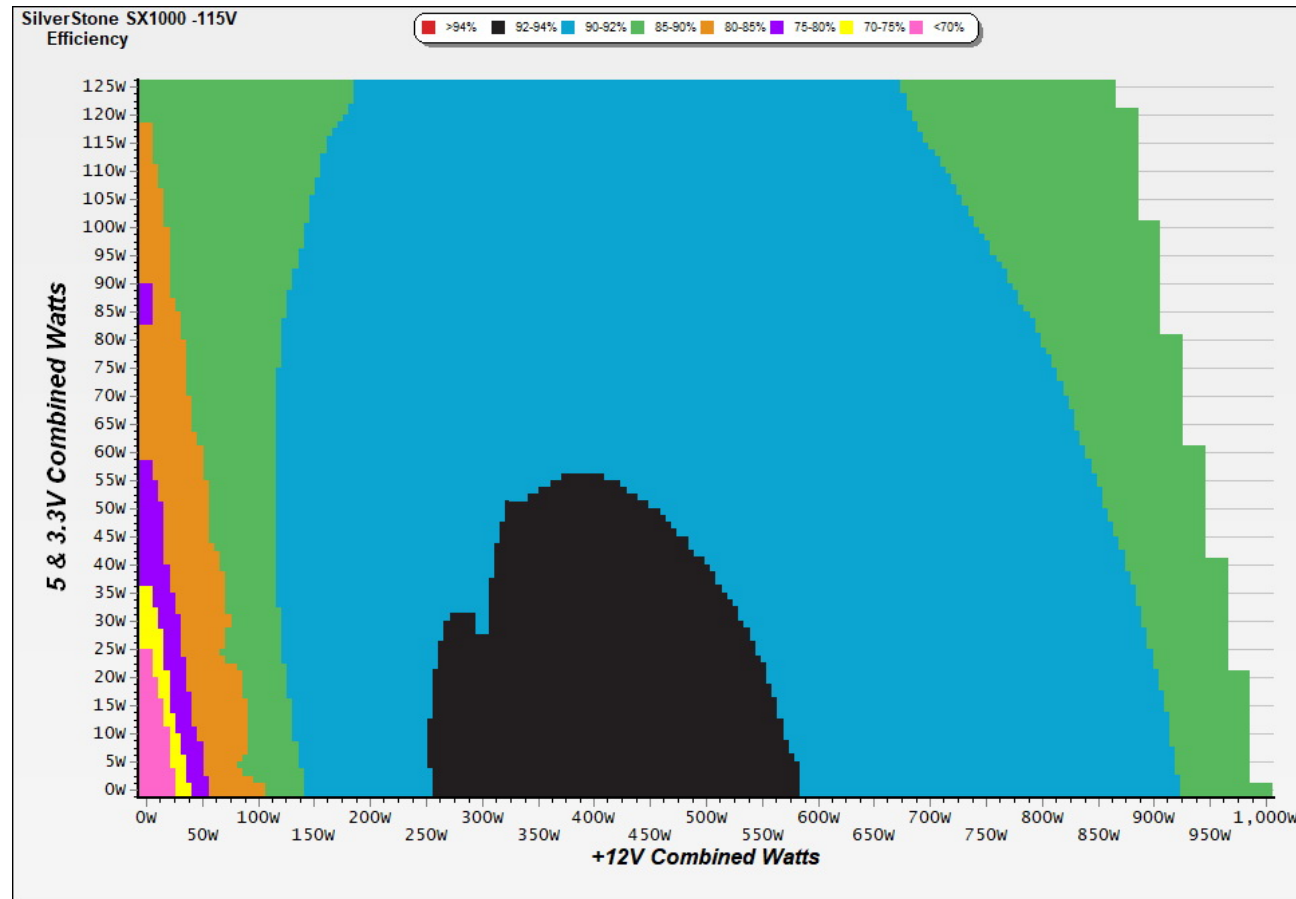
230V

Power - DBSXX00LPT21040352 - 09/04/2021 - 09:01



## Efficiency Graph

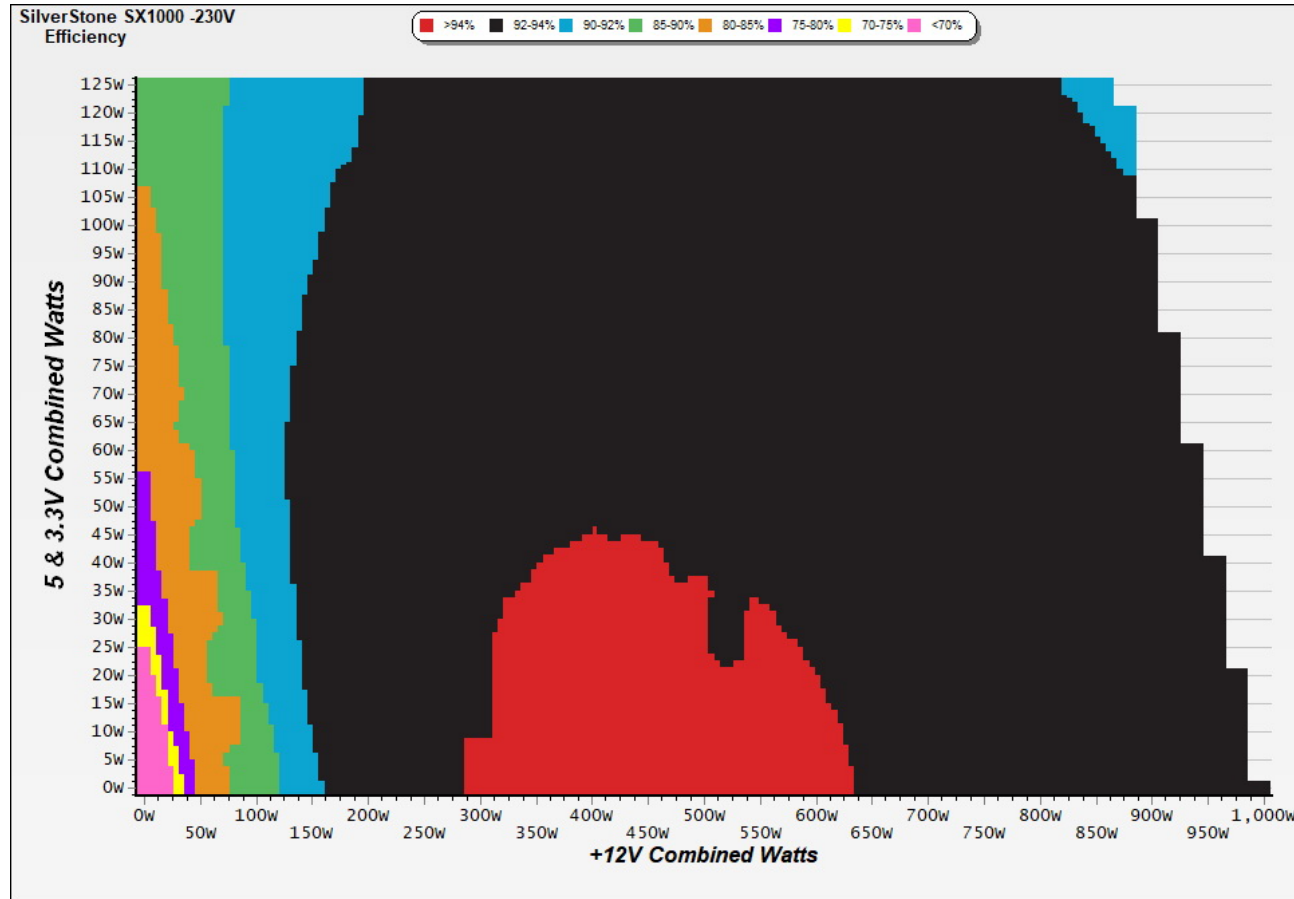
115V



### INFO

This graph depicts the PSU's efficiency throughout its entire operational range. For the generation of the efficiency and noise graphs we set our loaders to auto mode through our custom-made software before trying thousands of possible load combinations

## 230V

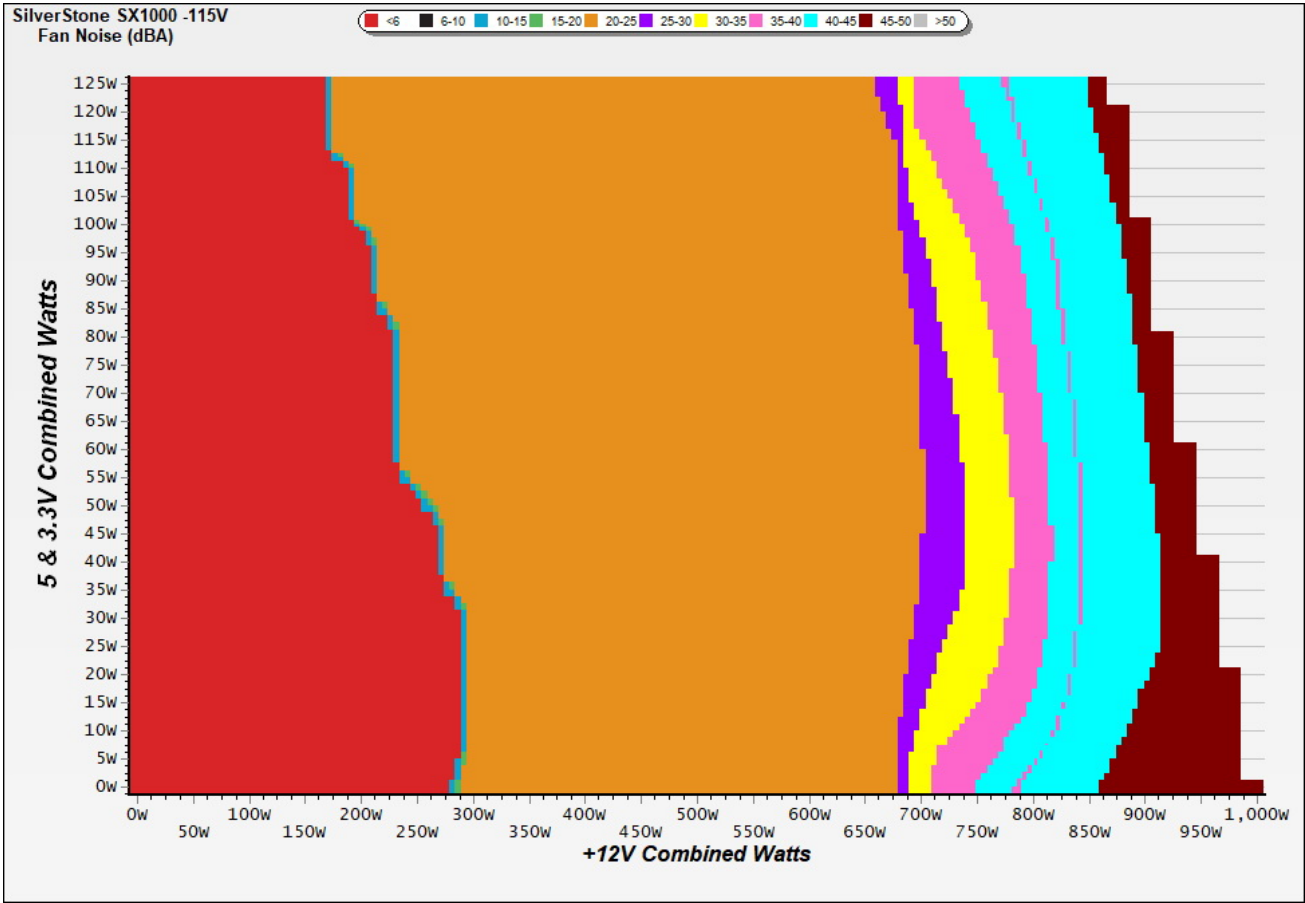


### INFO

This graph depicts the PSU's efficiency throughout its entire operational range. For the generation of the efficiency and noise graphs we set our loaders to auto mode through our custom-made software before trying thousands of possible load combinations

# Noise Graph

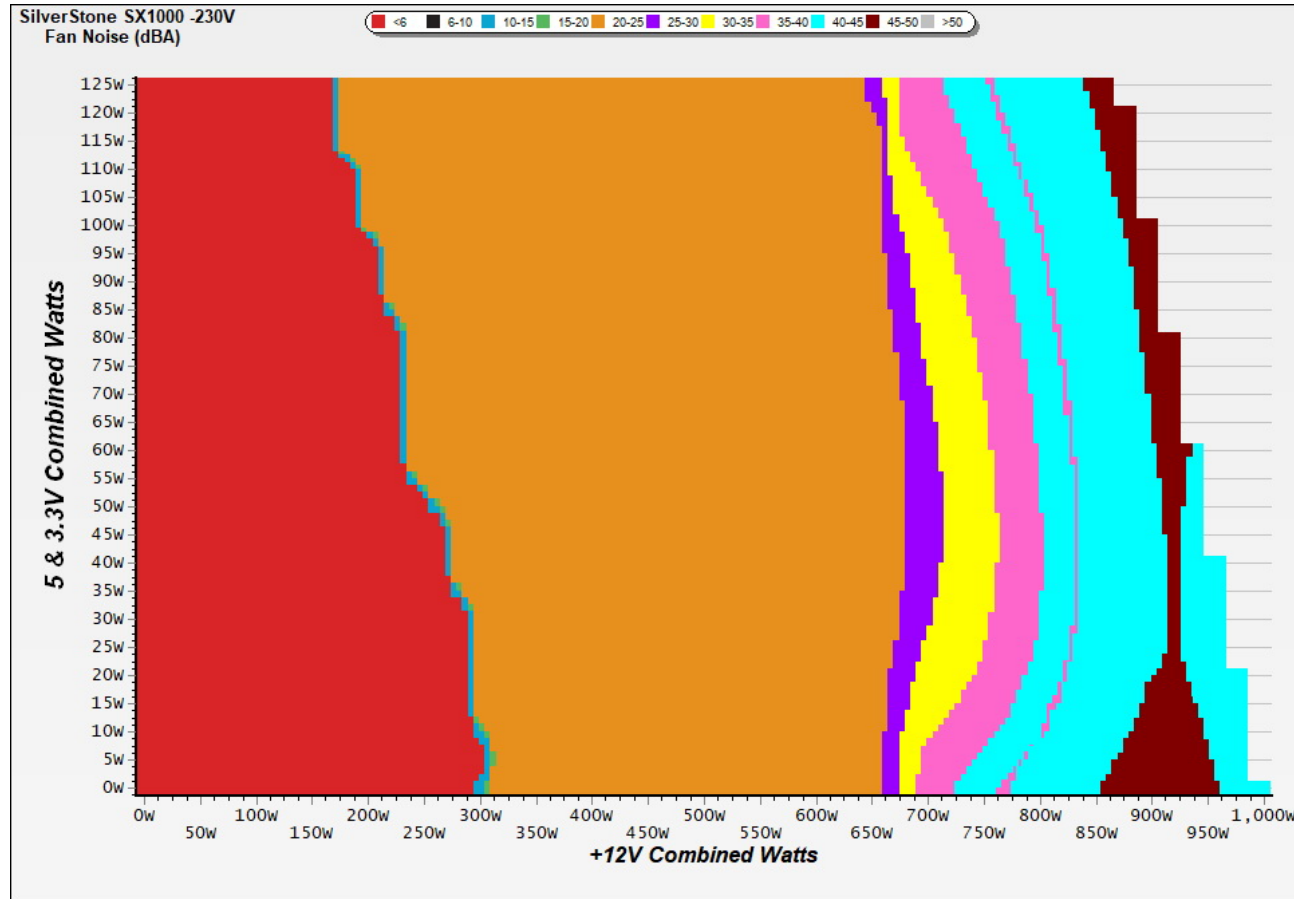
115V



## INFO

The PSU`s noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails

## 230V



### INFO

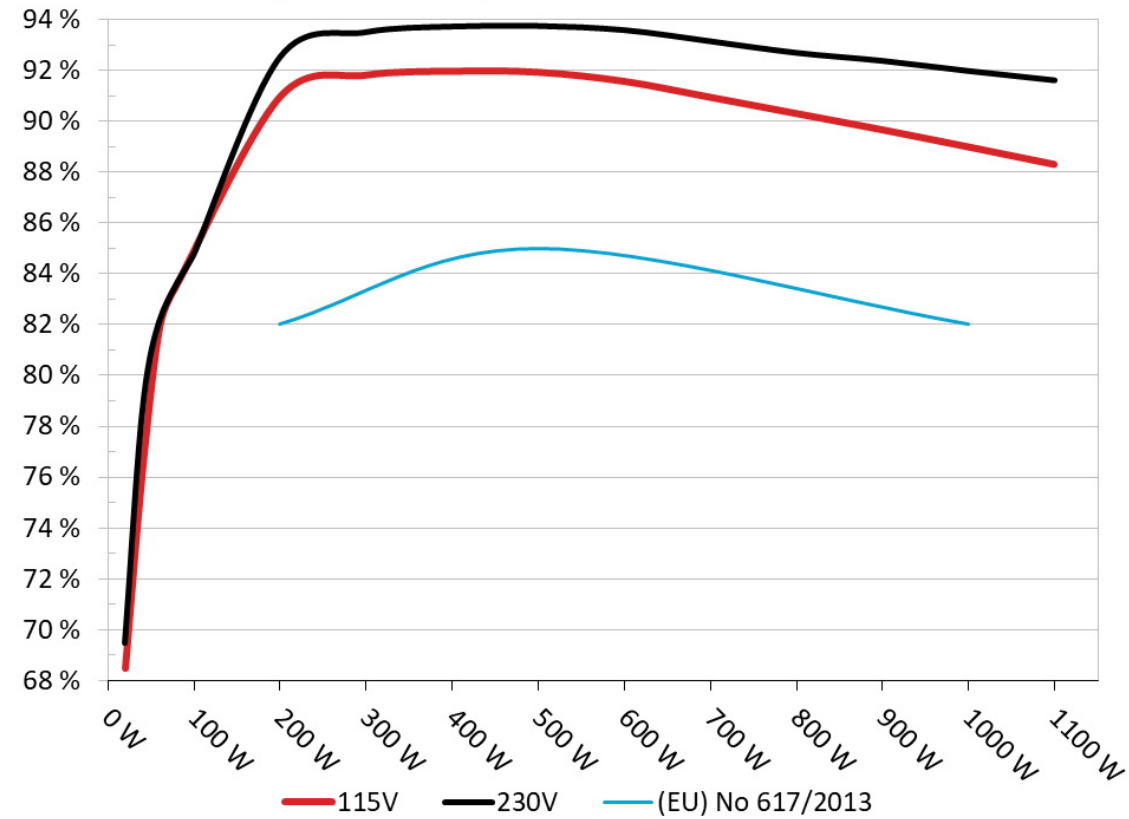
The PSU's noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails

## Indicative Performance

### Efficiency under high ambient temperature

#### Efficiency: SilverStone SX1000

Ambient: 37°C - 47°C (98.6°F - 116.6°F)



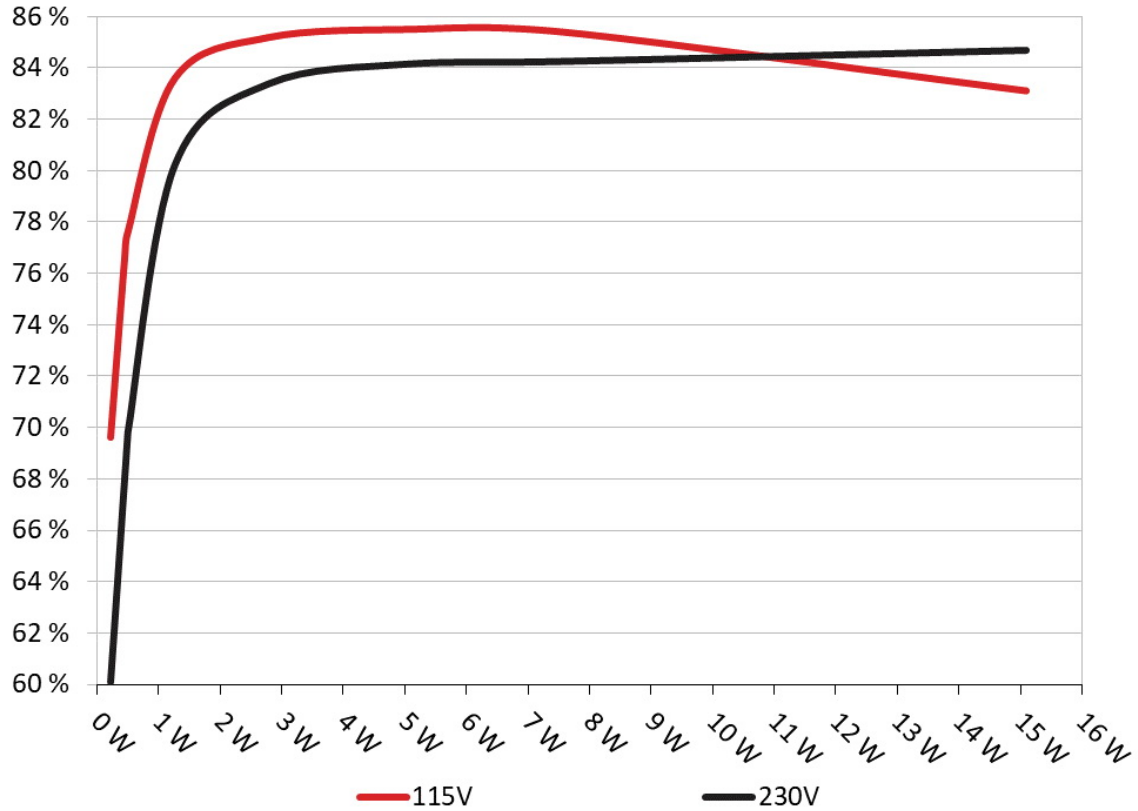
#### INFO

The PSU's efficiency under high ambient temperatures with 115V and 230V input. For this graph the results of the 10-110% load regulation table are used

5VSB Efficiency

5VSB Efficiency: SilverStone SX1000

Ambient: 34°C - 36°C (93.2°F - 96.8°F)



INFO

This graph depicts the efficiency levels of the 5VSB rail with 115V and 230V input

### 5VSB Efficiency (ERP LOT 3/6 & CEC)

#### 115V

| Test # | 5VSB   | DC/AC (Watts) | Efficiency | PF/AC Volts |
|--------|--------|---------------|------------|-------------|
| 1      | 0.045A | 0.229         | 69.605%    | 0.020       |
|        | 5.093V | 0.329         |            | 115.16V     |
| 2      | 0.090A | 0.458         | 76.589%    | 0.035       |
|        | 5.092V | 0.598         |            | 115.16V     |
| 3      | 0.550A | 2.795         | 85.161%    | 0.175       |
|        | 5.083V | 3.282         |            | 115.16V     |
| 4      | 1.000A | 5.073         | 85.476%    | 0.273       |
|        | 5.074V | 5.935         |            | 115.16V     |
| 5      | 1.500A | 7.595         | 85.366%    | 0.346       |
|        | 5.064V | 8.897         |            | 115.15V     |
| 6      | 2.999A | 15.098        | 83.084%    | 0.454       |
|        | 5.034V | 18.172        |            | 115.15V     |

#### 230V

| Test # | 5VSB   | DC/AC (Watts) | Efficiency | PF/AC Volts |
|--------|--------|---------------|------------|-------------|
| 1      | 0.045A | 0.229         | 60.105%    | 0.007       |
|        | 5.093V | 0.381         |            | 230.30V     |
| 2      | 0.090A | 0.458         | 69.817%    | 0.012       |
|        | 5.092V | 0.656         |            | 230.31V     |
| 3      | 0.550A | 2.795         | 83.358%    | 0.058       |
|        | 5.083V | 3.353         |            | 230.31V     |
| 4      | 1.000A | 5.073         | 84.129%    | 0.101       |
|        | 5.074V | 6.030         |            | 230.31V     |
| 5      | 1.500A | 7.595         | 84.230%    | 0.145       |
|        | 5.064V | 9.017         |            | 230.31V     |
| 6      | 2.999A | 15.098        | 84.659%    | 0.248       |
|        | 5.034V | 17.834        |            | 230.31V     |

## Supplementary Tests (For Reference)

### Typical Load Tests

#### 115V

| Test # | 12V     | 5V      | 3.3V    | 5VSB   | DC/AC (Watts) | Efficiency | Fan Speed (RPM) | PSU Noise (dB[A]) | Temps (In/Out) | PF/AC Volts |
|--------|---------|---------|---------|--------|---------------|------------|-----------------|-------------------|----------------|-------------|
| 1      | 6.500A  | 1.980A  | 1.976A  | 0.986A | 99.970        | 83.572%    | 0               | <6.0              | 44.59°C        | 0.982       |
|        | 12.058V | 5.048V  | 3.340V  | 5.069V | 119.621       |            |                 |                   | 40.39°C        | 115.13V     |
| 2      | 14.035A | 2.981A  | 2.974A  | 1.186A | 199.987       | 90.951%    | 0               | <6.0              | 45.40°C        | 0.969       |
|        | 12.048V | 5.032V  | 3.327V  | 5.058V | 219.884       |            |                 |                   | 40.61°C        | 115.13V     |
| 3      | 21.926A | 3.484A  | 3.477A  | 1.387A | 299.945       | 91.798%    | 0               | <6.0              | 46.78°C        | 0.985       |
|        | 12.036V | 5.024V  | 3.319V  | 5.046V | 326.744       |            |                 |                   | 41.35°C        | 115.13V     |
| 4      | 29.765A | 3.989A  | 3.987A  | 1.589A | 399.346       | 91.952%    | 1018            | 23.7              | 41.49°C        | 0.993       |
|        | 12.032V | 5.016V  | 3.312V  | 5.034V | 434.297       |            |                 |                   | 47.51°C        | 115.12V     |
| 5      | 37.336A | 4.993A  | 4.998A  | 1.792A | 499.479       | 91.913%    | 1025            | 24.0              | 42.26°C        | 0.997       |
|        | 12.025V | 5.008V  | 3.303V  | 5.022V | 543.426       |            |                 |                   | 49.14°C        | 115.11V     |
| 6      | 44.942A | 6.003A  | 6.011A  | 1.996A | 599.606       | 91.554%    | 1034            | 23.4              | 43.15°C        | 0.998       |
|        | 12.011V | 4.999V  | 3.294V  | 5.009V | 654.922       |            |                 |                   | 50.77°C        | 115.10V     |
| 7      | 52.525A | 7.015A  | 7.029A  | 2.200A | 699.343       | 90.932%    | 1673            | 40.7              | 43.24°C        | 0.999       |
|        | 11.999V | 4.990V  | 3.286V  | 4.997V | 769.081       |            |                 |                   | 51.55°C        | 115.09V     |
| 8      | 60.188A | 8.003A  | 8.053A  | 2.407A | 799.723       | 90.289%    | 2082            | 45.5              | 43.79°C        | 0.999       |
|        | 11.987V | 4.981V  | 3.277V  | 4.984V | 885.741       |            |                 |                   | 52.64°C        | 115.07V     |
| 9      | 68.193A | 8.544A  | 8.562A  | 2.410A | 899.150       | 89.653%    | 2204            | 47.6              | 44.68°C        | 0.999       |
|        | 11.976V | 4.973V  | 3.269V  | 4.976V | 1002.918      |            |                 |                   | 54.15°C        | 115.07V     |
| 10     | 76.073A | 9.064A  | 9.107A  | 3.026A | 999.586       | 88.978%    | 2202            | 47.5              | 45.57°C        | 0.999       |
|        | 11.961V | 4.964V  | 3.260V  | 4.955V | 1123.409      |            |                 |                   | 55.57°C        | 115.06V     |
| 11     | 84.553A | 9.080A  | 9.128A  | 3.031A | 1099.577      | 88.291%    | 2201            | 47.2              | 46.54°C        | 0.999       |
|        | 11.944V | 4.956V  | 3.252V  | 4.946V | 1245.404      |            |                 |                   | 57.29°C        | 115.05V     |
| CL1    | 0.111A  | 14.999A | 14.997A | 0.000A | 126.137       | 84.960%    | 0               | <6.0              | 49.94°C        | 0.980       |
|        | 12.036V | 5.011V  | 3.310V  | 5.076V | 148.467       |            |                 |                   | 42.76°C        | 115.14V     |

|     |         |        |        |        |          |         |      |      |         |         |
|-----|---------|--------|--------|--------|----------|---------|------|------|---------|---------|
| CL2 | 83.327A | 1.000A | 1.000A | 1.000A | 1010.533 | 89.390% | 2199 | 47.2 | 45.11°C | 0.999   |
|     | 11.968V | 4.989V | 3.281V | 5.006V | 1130.474 |         |      |      | 55.28°C | 115.06V |

The results above are not used in the certification process

## 230V

| Test # | 12V     | 5V      | 3.3V    | 5VSB   | DC/AC (Watts) | Efficiency | Fan Speed (RPM) | PSU Noise (dB[A]) | Temps (In/Out) | PF/AC Volts |
|--------|---------|---------|---------|--------|---------------|------------|-----------------|-------------------|----------------|-------------|
| 1      | 6.500A  | 1.981A  | 1.975A  | 0.986A | 99.985        | 84.575%    | 0               | <6.0              | 44.87°C        | 0.824       |
|        | 12.060V | 5.048V  | 3.340V  | 5.069V | 118.220       |            |                 |                   | 40.23°C        | 230.31V     |
| 2      | 14.034A | 2.981A  | 2.975A  | 1.186A | 200.005       | 92.540%    | 0               | <6.0              | 46.28°C        | 0.903       |
|        | 12.050V | 5.032V  | 3.327V  | 5.057V | 216.127       |            |                 |                   | 40.87°C        | 230.32V     |
| 3      | 21.924A | 3.484A  | 3.478A  | 1.387A | 299.966       | 93.528%    | 0               | <6.0              | 47.42°C        | 0.931       |
|        | 12.038V | 5.024V  | 3.319V  | 5.045V | 320.724       |            |                 |                   | 41.50°C        | 230.31V     |
| 4      | 29.760A | 3.989A  | 3.988A  | 1.589A | 399.483       | 93.750%    | 1022            | 23.9              | 41.69°C        | 0.942       |
|        | 12.039V | 5.015V  | 3.310V  | 5.033V | 426.115       |            |                 |                   | 48.20°C        | 230.32V     |
| 5      | 37.346A | 4.994A  | 4.998A  | 1.793A | 499.597       | 93.771%    | 1028            | 24.0              | 42.47°C        | 0.956       |
|        | 12.025V | 5.007V  | 3.302V  | 5.021V | 532.785       |            |                 |                   | 49.49°C        | 230.31V     |
| 6      | 44.947A | 6.003A  | 6.011A  | 1.997A | 599.713       | 93.611%    | 1032            | 23.4              | 42.73°C        | 0.964       |
|        | 12.012V | 4.999V  | 3.294V  | 5.008V | 640.647       |            |                 |                   | 50.61°C        | 230.32V     |
| 7      | 52.528A | 7.017A  | 7.034A  | 2.201A | 699.453       | 93.171%    | 1639            | 39.6              | 43.10°C        | 0.967       |
|        | 12.000V | 4.990V  | 3.285V  | 4.996V | 750.716       |            |                 |                   | 51.56°C        | 230.31V     |
| 8      | 60.185A | 8.002A  | 8.058A  | 2.408A | 799.813       | 92.715%    | 2044            | 44.4              | 43.94°C        | 0.972       |
|        | 11.989V | 4.981V  | 3.276V  | 4.983V | 862.662       |            |                 |                   | 52.85°C        | 230.31V     |
| 9      | 68.183A | 8.546A  | 8.565A  | 2.411A | 899.181       | 92.403%    | 2220            | 47.1              | 44.66°C        | 0.976       |
|        | 11.978V | 4.973V  | 3.268V  | 4.975V | 973.103       |            |                 |                   | 54.20°C        | 230.32V     |
| 10     | 76.064A | 9.065A  | 9.111A  | 3.027A | 999.628       | 92.001%    | 2213            | 47.4              | 45.05°C        | 0.980       |
|        | 11.963V | 4.963V  | 3.259V  | 4.953V | 1086.542      |            |                 |                   | 55.21°C        | 230.31V     |
| 11     | 84.508A | 9.080A  | 9.128A  | 3.032A | 1099.636      | 91.634%    | 2208            | 47.7              | 46.56°C        | 0.984       |
|        | 11.951V | 4.956V  | 3.252V  | 4.946V | 1200.027      |            |                 |                   | 57.33°C        | 230.31V     |
| CL1    | 0.116A  | 15.000A | 14.997A | 0.000A | 126.170       | 86.083%    | 0               | <6.0              | 49.29°C        | 0.864       |
|        | 12.036V | 5.010V  | 3.309V  | 5.076V | 146.568       |            |                 |                   | 42.43°C        | 230.33V     |

|     |         |        |        |        |          |         |      |      |         |         |
|-----|---------|--------|--------|--------|----------|---------|------|------|---------|---------|
| CL2 | 83.334A | 1.000A | 1.000A | 1.000A | 1010.949 | 92.415% | 2210 | 47.3 | 45.47°C | 0.980   |
|     | 11.972V | 4.989V | 3.281V | 5.005V | 1093.922 |         |      |      | 55.80°C | 230.32V |

The results above are not used in the certification process

### Light Load Tests

#### 115V

| Test # | 12V     | 5V     | 3.3V   | 5VSB   | DC/AC (Watts) | Efficiency | Fan Speed (RPM) | PSU Noise (dB[A]) | PF/AC Volts |
|--------|---------|--------|--------|--------|---------------|------------|-----------------|-------------------|-------------|
| 1      | 1.227A  | 0.495A | 0.492A | 0.196A | 19.974        | 68.474%    | 0               | <6.0              | 0.647       |
|        | 12.080V | 5.061V | 3.351V | 5.092V | 29.170        |            |                 |                   | 115.13V     |
| 2      | 2.458A  | 0.987A | 0.984A | 0.393A | 39.963        | 76.265%    | 0               | <6.0              | 0.932       |
|        | 12.074V | 5.058V | 3.348V | 5.086V | 52.400        |            |                 |                   | 115.13V     |
| 3      | 3.692A  | 1.483A | 1.479A | 0.590A | 59.996        | 81.921%    | 0               | <6.0              | 0.956       |
|        | 12.067V | 5.056V | 3.346V | 5.080V | 73.236        |            |                 |                   | 115.13V     |
| 4      | 4.920A  | 1.980A | 1.974A | 0.788A | 79.949        | 83.499%    | 0               | <6.0              | 0.971       |
|        | 12.064V | 5.050V | 3.342V | 5.075V | 95.748        |            |                 |                   | 115.12V     |

The results above are not used in the certification process

#### 230V

| Test # | 12V     | 5V     | 3.3V   | 5VSB   | DC/AC (Watts) | Efficiency | Fan Speed (RPM) | PSU Noise (dB[A]) | PF/AC Volts |
|--------|---------|--------|--------|--------|---------------|------------|-----------------|-------------------|-------------|
| 1      | 1.229A  | 0.494A | 0.491A | 0.196A | 19.982        | 69.498%    | 0               | <6.0              | 0.374       |
|        | 12.075V | 5.060V | 3.350V | 5.092V | 28.752        |            |                 |                   | 230.32V     |
| 2      | 2.459A  | 0.989A | 0.985A | 0.393A | 39.971        | 78.535%    | 0               | <6.0              | 0.527       |
|        | 12.067V | 5.057V | 3.348V | 5.086V | 50.896        |            |                 |                   | 230.32V     |
| 3      | 3.694A  | 1.484A | 1.477A | 0.590A | 60.001        | 82.155%    | 0               | <6.0              | 0.713       |
|        | 12.063V | 5.055V | 3.346V | 5.080V | 73.034        |            |                 |                   | 230.32V     |
| 4      | 4.922A  | 1.981A | 1.975A | 0.788A | 79.952        | 84.787%    | 0               | <6.0              | 0.778       |
|        | 12.059V | 5.049V | 3.341V | 5.074V | 94.298        |            |                 |                   | 230.32V     |

The results above are not used in the certification process

## Ripple Measurements

### 115V

| Test       | 12V     | 5V      | 3.3V    | 5VSB    | Pass/Fail |
|------------|---------|---------|---------|---------|-----------|
| 10% Load   | 14.20mV | 6.90mV  | 10.80mV | 9.30mV  | Pass      |
| 20% Load   | 19.90mV | 8.60mV  | 12.20mV | 10.80mV | Pass      |
| 30% Load   | 26.40mV | 9.60mV  | 13.50mV | 12.50mV | Pass      |
| 40% Load   | 31.30mV | 10.20mV | 14.60mV | 14.10mV | Pass      |
| 50% Load   | 36.40mV | 11.00mV | 15.90mV | 14.90mV | Pass      |
| 60% Load   | 40.20mV | 11.30mV | 16.70mV | 16.70mV | Pass      |
| 70% Load   | 46.70mV | 12.40mV | 17.70mV | 17.90mV | Pass      |
| 80% Load   | 53.70mV | 12.60mV | 19.90mV | 19.50mV | Pass      |
| 90% Load   | 60.20mV | 13.40mV | 20.70mV | 20.00mV | Pass      |
| 100% Load  | 71.70mV | 14.50mV | 22.40mV | 22.70mV | Pass      |
| 110% Load  | 81.80mV | 15.20mV | 23.20mV | 24.50mV | Pass      |
| Crossload1 | 21.60mV | 9.70mV  | 16.90mV | 11.70mV | Pass      |
| Crossload2 | 72.40mV | 14.00mV | 20.40mV | 22.60mV | Pass      |

The results above are not used in the certification process

### 230V

| Test     | 12V     | 5V      | 3.3V    | 5VSB    | Pass/Fail |
|----------|---------|---------|---------|---------|-----------|
| 10% Load | 14.00mV | 6.40mV  | 10.40mV | 8.90mV  | Pass      |
| 20% Load | 19.70mV | 8.00mV  | 12.50mV | 10.20mV | Pass      |
| 30% Load | 27.00mV | 9.30mV  | 13.00mV | 11.90mV | Pass      |
| 40% Load | 31.40mV | 9.70mV  | 14.50mV | 14.20mV | Pass      |
| 50% Load | 35.70mV | 10.30mV | 15.50mV | 14.60mV | Pass      |
| 60% Load | 41.00mV | 11.10mV | 16.50mV | 16.60mV | Pass      |
| 70% Load | 46.70mV | 11.20mV | 17.70mV | 17.70mV | Pass      |
| 80% Load | 52.90mV | 11.80mV | 19.40mV | 18.50mV | Pass      |

| Test       | 12V     | 5V      | 3.3V    | 5VSB    | Pass/Fail |
|------------|---------|---------|---------|---------|-----------|
| 90% Load   | 58.70mV | 12.70mV | 20.60mV | 19.40mV | Pass      |
| 100% Load  | 69.90mV | 13.80mV | 22.40mV | 22.30mV | Pass      |
| 110% Load  | 77.20mV | 14.50mV | 23.90mV | 23.10mV | Pass      |
| Crossload1 | 21.80mV | 9.30mV  | 16.30mV | 9.90mV  | Pass      |
| Crossload2 | 69.10mV | 12.90mV | 19.60mV | 22.00mV | Pass      |

The results above are not used in the certification process

SilverStone SX1000 Platinum



Top side

|                                                                                                                  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
|  <b>SILVERSTONE</b> <b>SX</b> |  |  |  |  |  |
| MODEL NO (型號) (型号) : <b>SST-SX1000-</b>                                                                          |  |  |  |  |  |
| 1000 WATTS Active PFC SWITCH POWER SUPPLY                                                                        |  |  |  |  |  |
| (電源供應器 / 开关电源供应器)                                                                                                |  |  |  |  |  |
| <b>AC INPUT</b> <b>100-240V~ / 12-6A / 60-50Hz</b> (用于中国以外国家)                                                    |  |  |  |  |  |
| (交流輸入) (交流输入) <b>200-240V~ / 6A / 60-50Hz</b> (仅用于中国)                                                            |  |  |  |  |  |
| <b>DC OUTPUT</b> <b>+3.3V</b> <b>+5V</b> <b>+12V</b> <b>-12V</b> <b>+5VSB</b>                                    |  |  |  |  |  |
| (直流輸出) (直流输出) <b>25A</b> <b>25A</b> <b>83.3A</b> <b>0.3A</b> <b>3A</b>                                           |  |  |  |  |  |
| <b>MAX. POWER</b> <b>125W</b> <b>999.6W</b> <b>3.6W</b> <b>15W</b>                                               |  |  |  |  |  |
| (最大總功率) (最大总功率) <b>1000W</b>                                                                                     |  |  |  |  |  |
| 製造商 銀欣科技股份有限公司      执行标准：GB4943.1-2                                                                              |  |  |  |  |  |
| 制造商 银欣科技股份有限公司      仅适用于海拔2000米以上                                                                                |  |  |  |  |  |
| Made In China 中國製造 中国制造      Manufacturer: SilverStone Tech                                                      |  |  |  |  |  |
| Address: 12F No. 168 Jiankan                                                                                     |  |  |  |  |  |
| 22585 Taiwan                                                                                                     |  |  |  |  |  |

Power specifications label

Cybenetics [REDACTED]

ETA[REDACTED]

LAMBDA[REDACTED]

SAFE[REDACTED]

DELTA[REDACTED]

PHI[REDACTED]

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