



## Antec Earth Watts Gold Pro 750W

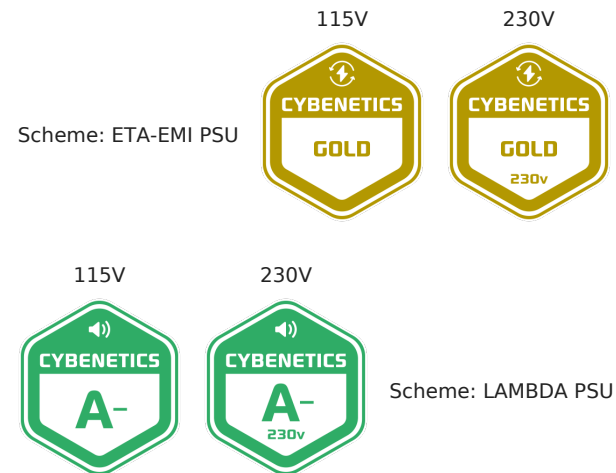
Serial Number EA750GSN174301204

Lab ID 223

Certification ID 25223

Test Result Report ID:

Certificate Issue Date: Nov 23, 2018



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                             | Antec                     |
| Model                             | Earth Watts Gold Pro 750W |
| OEM/ODM                           | Seasonic                  |
| Serial Number                     | EA750GSN174301204         |
| Product Specifications            |                           |
| Manufacturer-Provided Information |                           |
| Rated Voltage (Vrms)              | 100-240                   |
| Rated Current (Arms)              | 10-5                      |
| Rated Frequency (Hz)              | 50-60                     |

|                                                   |                                                                                     |
|---------------------------------------------------|-------------------------------------------------------------------------------------|
| Rated Power (W)                                   | 750                                                                                 |
| Operating Temperature (Continuous Full Load) (°C) |                                                                                     |
| Type                                              | ATX12V                                                                              |
| Cable Design                                      | Semi Modular                                                                        |
| Warranty                                          | -                                                                                   |
| Cybenetics Measurements                           |                                                                                     |
| Dimensions (W x H x D)                            |                                                                                     |
| Weight                                            |                                                                                     |
| Cooling                                           | 120mm Sleeve Bearing Fan<br>(HA1225H12S-Z)                                          |
| Semi-Passive Operation                            | <i>x</i>                                                                            |
| Cybenetics Testing Information                    |                                                                                     |
| Lab ID                                            | 223                                                                                 |
| Date of receipt                                   | Nov 13, 2018                                                                        |
| Testing Date                                      | Nov 20, 2018                                                                        |
| Report Issued Date                                | Nov 23, 2018                                                                        |
| Engineer Name                                     | -                                                                                   |
| Authorized By the Laboratory Technical Manager    | Aristeidis Bitziopoulos                                                             |
| Signature                                         |  |

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

| Captive Cables                                  |             |                         |          |                     |
|-------------------------------------------------|-------------|-------------------------|----------|---------------------|
| Description                                     | Cable Count | Connector Count (Total) | Gauge    | In Cable Capacitors |
| ATX connector 20+4 pin (560mm)                  | 1           | 1                       | 18-22AWG | No                  |
| 4+4 pin EPS12V (680mm)                          | 2           | 2                       | 18AWG    | No                  |
| 6+2 pin PCIe (680mm+150mm)                      | 1           | 2                       | 18AWG    | No                  |
| Modular Cables                                  |             |                         |          |                     |
| 6+2 pin PCIe (660mm+150mm)                      | 1           | 2                       | 18AWG    | No                  |
| SATA (560mm+150mm+150mm) / 4 pin Molex (+150mm) | 2           | 6 / 2                   | 18AWG    | No                  |
| SATA (560mm+150mm) / 4 pin Molex (+150mm)       | 1           | 2 / 1                   | 18AWG    | No                  |
| AC Power Cord (1380mm) - C13 coupler            | 1           | 1                       | 18AWG    | No                  |

Power Specifications

|                      |       |      |    |     |      |      |
|----------------------|-------|------|----|-----|------|------|
| Rail                 |       | 3.3V | 5V | 12V | 5VSB | -12V |
| Max. Power           | Amps  | 20   | 20 | 62  | 3    | 0.3  |
|                      | Watts | 100  |    | 744 | 15   | 3.6  |
| Total Max. Power (W) |       | 750  |    |     |      |      |

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 | ✓                 |

Performance Summary

115V

|                                                |          |
|------------------------------------------------|----------|
| Accredited                                     |          |
| Average Efficiency (>1450 load combinations)   | 88.301%  |
| Average Noise Output (>1450 Load Combinations) | 28.65dBA |
| Average PF (>1450 Load Combinations)           | 0.985    |
| Efficiency With 10W (≤500W) or 2% (>500W) Load | -        |
| Standby Power Consumption                      | 0.0481W  |
| Non-Accredited                                 |          |
| 12V Ripple (Full Load)                         | 44.03mV  |
| 5V Ripple (Full Load)                          | 23.64mV  |
| 3.3V Ripple (Full Load)                        | 19.12mV  |
| 5VSB Ripple (Full Load)                        | 12.36mV  |
| 12V Load Regulation                            | 0.22%    |
| 5V Load Regulation                             | 0.48%    |
| 3.3V Load Regulation                           | 1.51%    |

|                      |         |
|----------------------|---------|
| 5VSB Load Regulation | 2.23%   |
| Inrush Current       | 25.731A |

## 230V

|                                                |          |   |
|------------------------------------------------|----------|---|
| Accredited                                     |          |   |
| Average Efficiency (>1450 load combinations)   | 90.553%  |   |
| Average Noise Output (>1450 Load Combinations) | 28.56dBA |   |
| Average PF (>1450 Load Combinations)           | 0.935    |   |
| Efficiency With 10W (≤500W) or 2% (>500W) Load | -        |   |
| Standby Power Consumption                      | 0.0817W  |   |
| Non-Accredited                                 |          |   |
| 12V Ripple (Full Load)                         | 47.63mV  |   |
| 5V Ripple (Full Load)                          | 23.87mV  |   |
| 3.3V Ripple (Full Load)                        | 19.87mV  |   |
| 5VSB Ripple (Full Load)                        | 10.57mV  |   |
| 12V Load Regulation                            | 0.14%    |   |
| 5V Load Regulation                             | 0.58%    |   |
| 3.3V Load Regulation                           | 1.48%    |   |
| 5VSB Load Regulation                           | 2.29%    |   |
| Inrush Current                                 | 70.225A  |   |
| Hold-Up Time & PWR_OK Signal                   | 16.70ms  |   |
| AC Loss to PWR_OK Hold Up Time                 | 15.10ms  |   |
| PWR_OK Inactive to DC Loss Delay               | 1.60ms   |   |
| OPP (0.00°C / 0.00°C)                          | -        | - |

## Hold-Up Time & PWR\_OK Signal

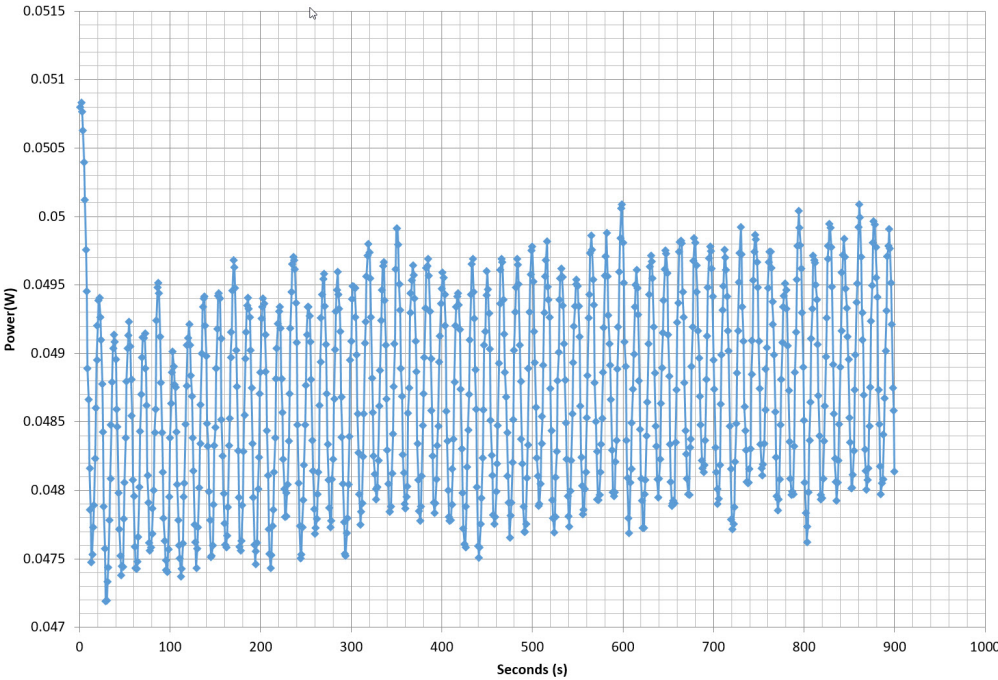
|                                       |      |
|---------------------------------------|------|
| Hold-Up Time (ms)                     | 16.7 |
| AC Loss to PWR_OK Hold Up Time (ms)   | 15.1 |
| PWR_OK Inactive to DC Loss Delay (ms) | 1.6  |

# Vampire Power

## Graphs

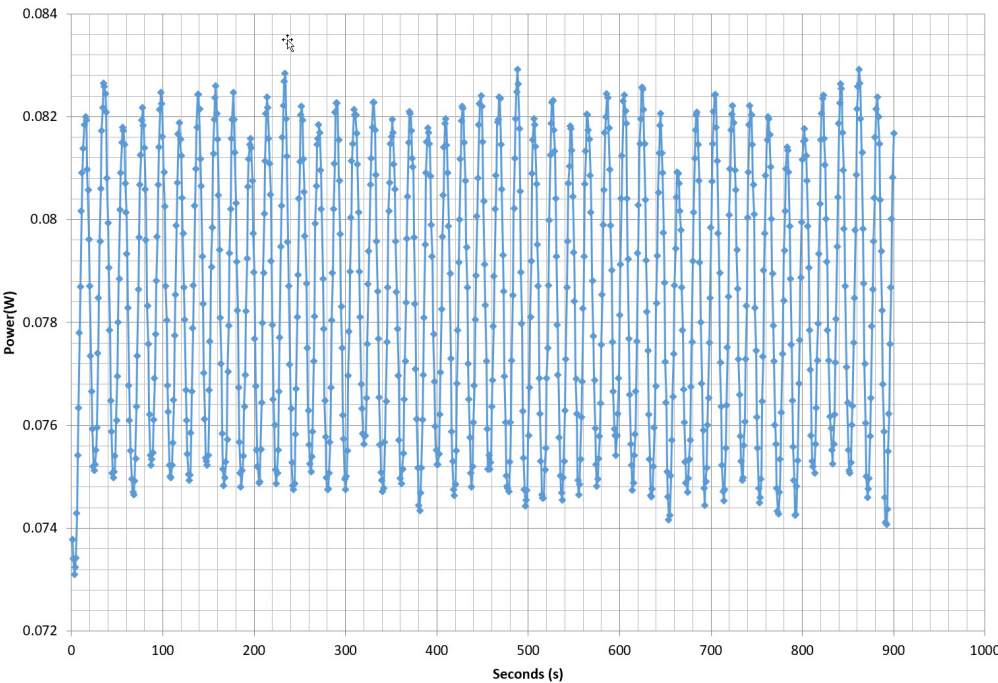
115V

Power - EA750GSN174301204 - 22/11/2017 - 11:44



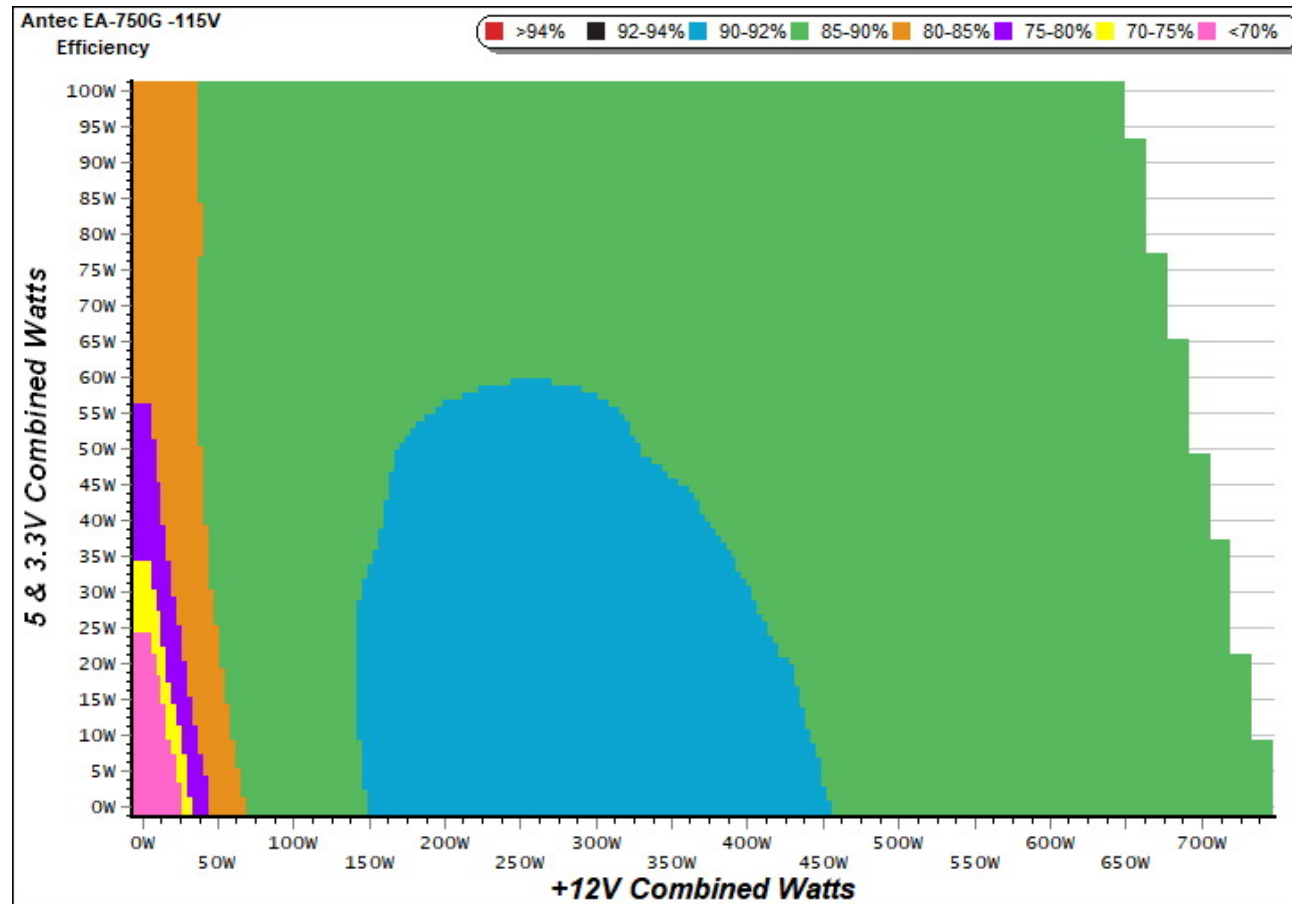
230V

Power - EA750GSN174301204 - 22/11/2017 - 11:44



## 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

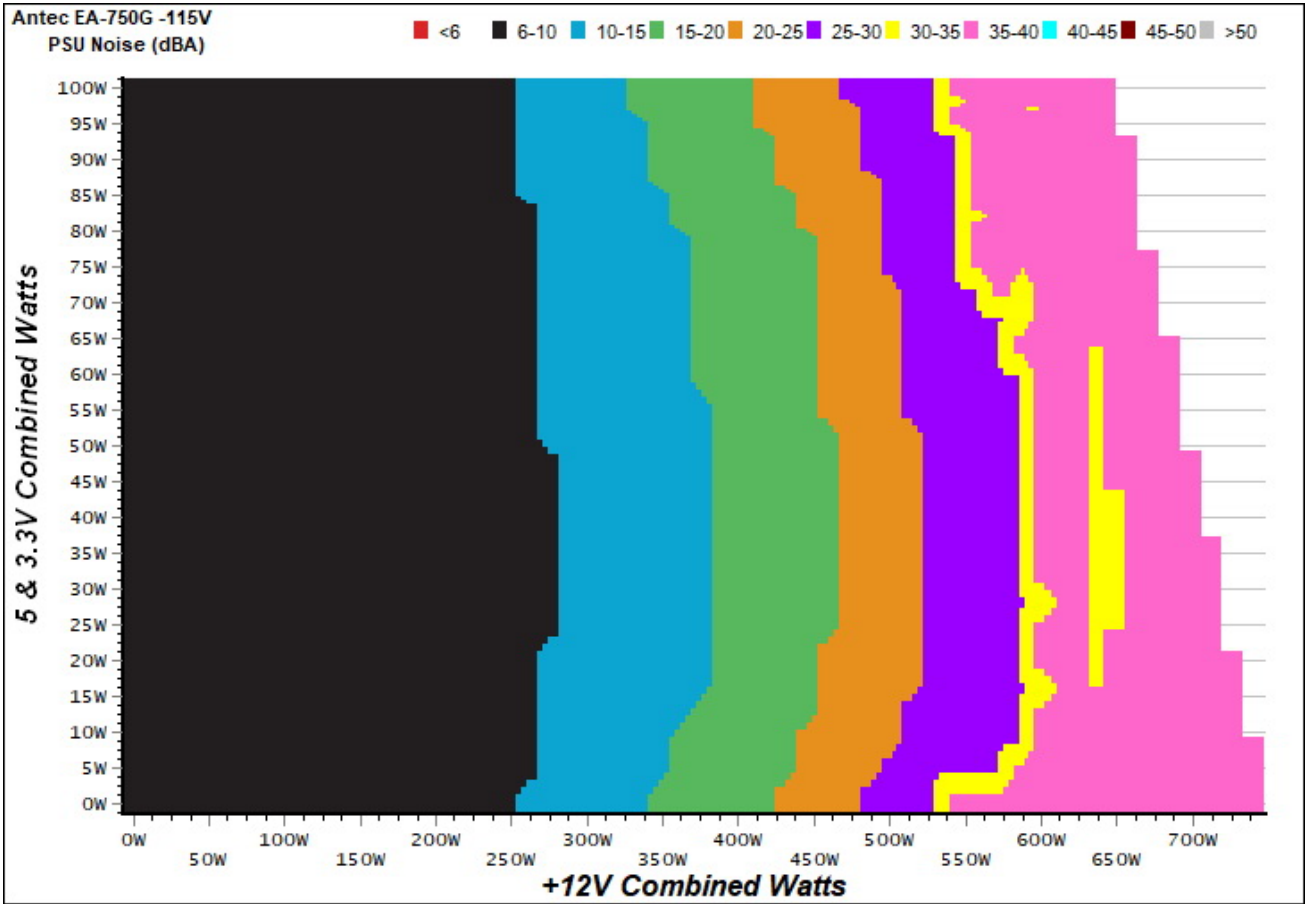


### INFO

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

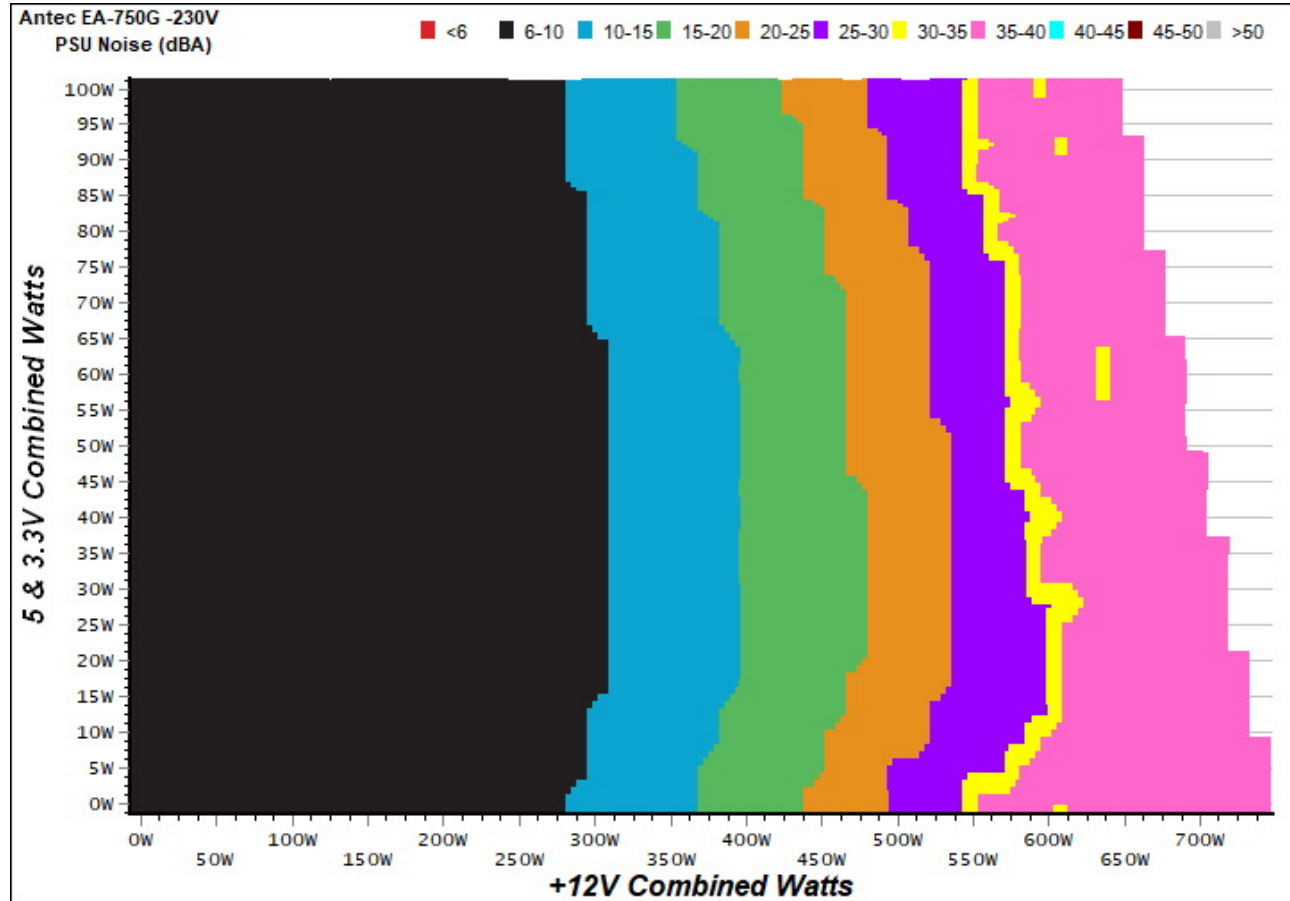
115V



## 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

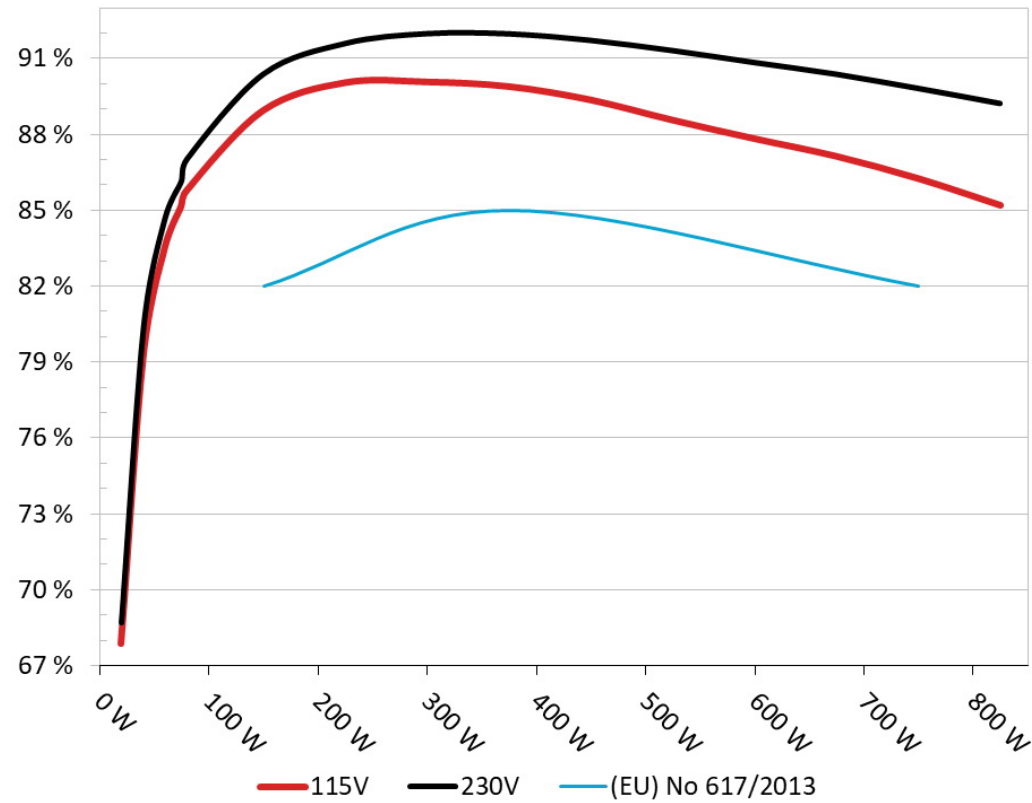
The PSU's noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails.

## Indicative Performance

### Efficiency under high ambient temperature

Efficiency: Antec EA-750G

Ambient: 37°C - 48°C (98.6°F - 118.4°F)

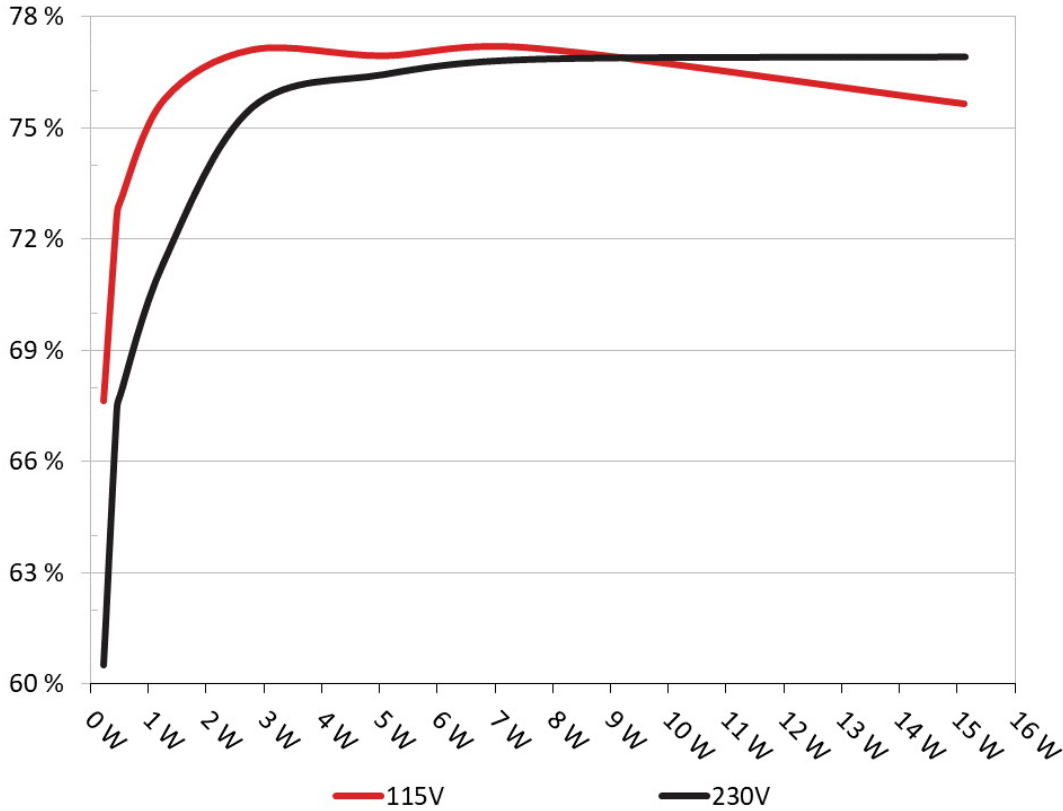


### INFO

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: Antec EA-750G  
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 | 0.230         | 67.647%    | 0.032       |
|        | 5.109V | 0.340         |            | 115.27V     |
| 2      | 0.090A | 0.460         | 72.670%    | 0.059       |
|        | 5.107V | 0.633         |            | 115.28V     |
| 3      | 0.550A | 2.804         | 77.118%    | 0.264       |
|        | 5.098V | 3.636         |            | 115.27V     |
| 4      | 1.000A | 5.089         | 76.954%    | 0.358       |
|        | 5.089V | 6.613         |            | 115.26V     |
| 5      | 1.500A | 7.619         | 77.170%    | 0.409       |
|        | 5.079V | 9.873         |            | 115.26V     |
| 6      | 3.000A | 15.124        | 75.662%    | 0.470       |
|        | 5.042V | 19.989        |            | 115.25V     |

#### 230V

| Test # | 5VSB   | DC/AC (Watts) | Efficiency | PF/AC Volts |
|--------|--------|---------------|------------|-------------|
| 1      | 0.045A | 0.230         | 60.526%    | 0.012       |
|        | 5.109V | 0.380         |            | 230.83V     |
| 2      | 0.090A | 0.460         | 67.449%    | 0.022       |
|        | 5.107V | 0.682         |            | 230.84V     |
| 3      | 0.550A | 2.804         | 75.559%    | 0.114       |
|        | 5.098V | 3.711         |            | 230.83V     |
| 4      | 1.000A | 5.089         | 76.446%    | 0.186       |
|        | 5.089V | 6.657         |            | 230.82V     |
| 5      | 1.500A | 7.619         | 76.851%    | 0.246       |
|        | 5.079V | 9.914         |            | 230.82V     |
| 6      | 3.000A | 15.146        | 76.918%    | 0.344       |
|        | 5.049V | 19.691        |            | 230.82V     |

## 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      | 4.370A  | 1.981A  | 1.989A  | 0.984A | 74.345        | 85.140%    | 474             | 9.2               | 38.23°C        | 0.969       |
|        | 12.072V | 5.043V  | 3.317V  | 5.084V | 87.321        |            |                 |                   | 47.06°C        | 115.28V     |
| 2      | 9.806A  | 2.977A  | 2.988A  | 1.183A | 149.254       | 88.917%    | 474             | 9.2               | 38.44°C        | 0.985       |
|        | 12.070V | 5.038V  | 3.312V  | 5.074V | 167.858       |            |                 |                   | 49.59°C        | 115.18V     |
| 3      | 15.644A | 3.476A  | 3.478A  | 1.382A | 224.777       | 90.029%    | 556             | 10.1              | 38.51°C        | 0.989       |
|        | 12.067V | 5.034V  | 3.307V  | 5.065V | 249.671       |            |                 |                   | 52.09°C        | 115.07V     |
| 4      | 21.415A | 3.974A  | 3.999A  | 1.583A | 299.547       | 90.056%    | 812             | 16.0              | 39.77°C        | 0.988       |
|        | 12.064V | 5.031V  | 3.301V  | 5.055V | 332.624       |            |                 |                   | 54.10°C        | 115.07V     |
| 5      | 26.859A | 4.972A  | 5.002A  | 1.784A | 374.474       | 89.875%    | 1046            | 22.0              | 40.89°C        | 0.988       |
|        | 12.062V | 5.030V  | 3.297V  | 5.045V | 416.662       |            |                 |                   | 56.50°C        | 114.96V     |
| 6      | 32.307A | 5.966A  | 6.012A  | 1.986A | 449.423       | 89.347%    | 1287            | 29.1              | 41.52°C        | 0.988       |
|        | 12.060V | 5.029V  | 3.293V  | 5.035V | 503.009       |            |                 |                   | 57.59°C        | 114.86V     |
| 7      | 37.788A | 6.962A  | 7.028A  | 2.189A | 524.738       | 88.549%    | 1698            | 35.9              | 42.49°C        | 0.988       |
|        | 12.058V | 5.027V  | 3.286V  | 5.025V | 592.598       |            |                 |                   | 58.83°C        | 114.83V     |
| 8      | 43.272A | 7.959A  | 8.048A  | 2.393A | 600.044       | 87.812%    | 2017            | 41.3              | 43.52°C        | 0.989       |
|        | 12.055V | 5.026V  | 3.280V  | 5.015V | 683.331       |            |                 |                   | 60.54°C        | 114.72V     |
| 9      | 49.122A | 8.461A  | 8.551A  | 2.396A | 674.565       | 87.122%    | 2030            | 40.8              | 44.52°C        | 0.990       |
|        | 12.053V | 5.023V  | 3.274V  | 5.009V | 774.274       |            |                 |                   | 63.15°C        | 114.60V     |
| 10     | 54.784A | 8.968A  | 9.088A  | 3.006A | 749.801       | 86.242%    | 2046            | 40.1              | 46.05°C        | 0.991       |
|        | 12.049V | 5.019V  | 3.268V  | 4.990V | 869.416       |            |                 |                   | 68.10°C        | 114.57V     |
| 11     | 61.047A | 8.980A  | 9.105A  | 3.010A | 825.030       | 85.185%    | 2046            | 40.1              | 47.70°C        | 0.991       |
|        | 12.045V | 5.013V  | 3.262V  | 4.984V | 968.514       |            |                 |                   | 73.39°C        | 114.44V     |
| CL1    | 0.735A  | 12.001A | 11.998A | 0.000A | 109.510       | 83.031%    | 1180            | 25.7              | 43.97°C        | 0.983       |
|        | 12.064V | 5.069V  | 3.318V  | 5.091V | 131.891       |            |                 |                   | 55.00°C        | 115.21V     |

|     |         |        |        |        |         |         |      |      |         |         |
|-----|---------|--------|--------|--------|---------|---------|------|------|---------|---------|
| CL2 | 62.009A | 1.000A | 0.999A | 1.000A | 760.496 | 86.936% | 2046 | 40.1 | 46.31°C | 0.991   |
|     | 12.050V | 4.990V | 3.262V | 5.039V | 874.781 |         |      |      | 67.91°C | 114.58V |

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      | 4.403A  | 1.984A  | 1.988A  | 0.981A | 74.779        | 86.311%    | 474             | 9.2               | 38.03°C        | 0.793       |
|        | 12.082V | 5.043V  | 3.316V  | 5.081V | 86.639        |            |                 |                   | 45.83°C        | 230.29V     |
| 2      | 9.841A  | 2.970A  | 2.986A  | 1.181A | 149.730       | 90.442%    | 474             | 9.2               | 38.24°C        | 0.892       |
|        | 12.081V | 5.038V  | 3.312V  | 5.071V | 165.553       |            |                 |                   | 47.82°C        | 230.28V     |
| 3      | 15.627A | 3.477A  | 3.505A  | 1.381A | 224.817       | 91.612%    | 474             | 9.2               | 38.71°C        | 0.928       |
|        | 12.078V | 5.033V  | 3.305V  | 5.061V | 245.400       |            |                 |                   | 50.76°C        | 230.28V     |
| 4      | 21.404A | 3.974A  | 3.997A  | 1.580A | 299.636       | 91.930%    | 705             | 13.2              | 39.57°C        | 0.946       |
|        | 12.076V | 5.030V  | 3.300V  | 5.052V | 325.940       |            |                 |                   | 51.94°C        | 230.29V     |
| 5      | 26.845A | 4.971A  | 5.004A  | 1.784A | 374.609       | 91.913%    | 949             | 19.5              | 39.86°C        | 0.956       |
|        | 12.074V | 5.028V  | 3.296V  | 5.042V | 407.567       |            |                 |                   | 53.02°C        | 230.29V     |
| 6      | 32.282A | 5.969A  | 6.011A  | 1.986A | 449.511       | 91.668%    | 1234            | 27.4              | 40.46°C        | 0.963       |
|        | 12.073V | 5.026V  | 3.291V  | 5.029V | 490.366       |            |                 |                   | 53.97°C        | 230.29V     |
| 7      | 37.726A | 6.967A  | 7.029A  | 2.191A | 524.482       | 91.249%    | 1580            | 35.0              | 41.15°C        | 0.967       |
|        | 12.071V | 5.024V  | 3.285V  | 5.020V | 574.781       |            |                 |                   | 54.86°C        | 230.29V     |
| 8      | 43.167A | 7.965A  | 8.049A  | 2.396A | 599.428       | 90.751%    | 1948            | 40.0              | 42.59°C        | 0.971       |
|        | 12.070V | 5.023V  | 3.279V  | 5.009V | 660.520       |            |                 |                   | 56.54°C        | 230.29V     |
| 9      | 49.041A | 8.472A  | 8.584A  | 2.396A | 674.428       | 90.268%    | 2030            | 40.8              | 43.68°C        | 0.974       |
|        | 12.068V | 5.019V  | 3.273V  | 5.002V | 747.142       |            |                 |                   | 58.71°C        | 230.28V     |
| 10     | 54.663A | 8.981A  | 9.089A  | 3.007A | 749.218       | 89.634%    | 2046            | 40.1              | 44.82°C        | 0.976       |
|        | 12.065V | 5.014V  | 3.267V  | 4.983V | 835.861       |            |                 |                   | 62.83°C        | 230.28V     |
| 11     | 60.880A | 8.991A  | 9.106A  | 3.011A | 823.998       | 88.888%    | 2046            | 40.1              | 46.12°C        | 0.978       |
|        | 12.061V | 5.009V  | 3.262V  | 4.977V | 927.006       |            |                 |                   | 68.59°C        | 230.28V     |
| CL1    | 0.099A  | 12.013A | 12.006A | 0.005A | 101.986       | 83.900%    | 1046            | 22.0              | 43.61°C        | 0.853       |
|        | 12.070V | 5.072V  | 3.318V  | 5.092V | 121.556       |            |                 |                   | 54.23°C        | 230.29V     |

|     |         |        |        |        |         |         |      |      |         |         |
|-----|---------|--------|--------|--------|---------|---------|------|------|---------|---------|
| CL2 | 61.935A | 1.002A | 1.004A | 1.002A | 760.868 | 90.289% | 2046 | 40.1 | 45.77°C | 0.977   |
|     | 12.070V | 4.984V | 3.262V | 5.034V | 842.705 |         |      |      | 63.06°C | 230.29V |

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      | 1.184A  | 0.496A | 0.479A | 0.196A | 19.385        | 67.882%    | 474             | 9.2               | 0.826       |
|        | 12.078V | 5.031V | 3.318V | 5.104V | 28.557        |            |                 |                   | 115.35V     |
| 2      | 2.445A  | 0.991A | 0.992A | 0.392A | 39.809        | 79.241%    | 474             | 9.2               | 0.929       |
|        | 12.075V | 5.041V | 3.318V | 5.099V | 50.238        |            |                 |                   | 115.32V     |
| 3      | 3.638A  | 1.484A | 1.476A | 0.589A | 59.305        | 83.483%    | 474             | 9.2               | 0.959       |
|        | 12.074V | 5.043V | 3.317V | 5.093V | 71.038        |            |                 |                   | 115.30V     |
| 4      | 4.899A  | 1.982A | 1.988A | 0.786A | 79.732        | 85.779%    | 474             | 9.2               | 0.973       |
|        | 12.073V | 5.042V | 3.317V | 5.088V | 92.951        |            |                 |                   | 115.28V     |

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      | 1.207A  | 0.490A | 0.479A | 0.196A | 19.642        | 69.206%    | 474             | 9.2               | 0.520       |
|        | 12.086V | 5.031V | 3.318V | 5.102V | 28.382        |            |                 |                   | 230.27V     |
| 2      | 2.441A  | 0.991A | 0.993A | 0.391A | 39.781        | 80.310%    | 474             | 9.2               | 0.658       |
|        | 12.085V | 5.041V | 3.317V | 5.096V | 49.534        |            |                 |                   | 230.28V     |
| 3      | 3.676A  | 1.477A | 1.505A | 0.585A | 59.841        | 84.777%    | 474             | 9.2               | 0.749       |
|        | 12.084V | 5.044V | 3.316V | 5.092V | 70.586        |            |                 |                   | 230.28V     |
| 4      | 4.900A  | 1.985A | 1.988A | 0.785A | 79.796        | 87.051%    | 474             | 9.2               | 0.804       |
|        | 12.082V | 5.043V | 3.316V | 5.086V | 91.666        |            |                 |                   | 230.28V     |

The results above are not used in the certification process

## Ripple Measurements

### 115V

| Test        | 12V     | 5V      | 3.3V    | 5VSB    | Pass/Fail |
|-------------|---------|---------|---------|---------|-----------|
| 10% Load    | 21.0 mV | 15.7 mV | 14.9 mV | 5.3 mV  | Pass      |
| 20% Load    | 29.6 mV | 15.4 mV | 12.5 mV | 6.1 mV  | Pass      |
| 30% Load    | 34.9 mV | 17.7 mV | 16.3 mV | 7.3 mV  | Pass      |
| 40% Load    | 38.5 mV | 18.6 mV | 18.3 mV | 8.1 mV  | Pass      |
| 50% Load    | 33.3 mV | 17.9 mV | 18.1 mV | 8.6 mV  | Pass      |
| 60% Load    | 32.4 mV | 19.5 mV | 16.8 mV | 9.4 mV  | Pass      |
| 70% Load    | 33.0 mV | 20.8 mV | 14.9 mV | 9.7 mV  | Pass      |
| 80% Load    | 35.3 mV | 21.7 mV | 18.7 mV | 10.7 mV | Pass      |
| 90% Load    | 37.9 mV | 22.8 mV | 19.1 mV | 11.6 mV | Pass      |
| 100% Load   | 44.0 mV | 23.6 mV | 19.1 mV | 12.4 mV | Pass      |
| 110% Load   | 52.3 mV | 23.9 mV | 19.0 mV | 12.6 mV | Pass      |
| Crossload 1 | 27.9 mV | 21.3 mV | 17.5 mV | 7.4 mV  | Pass      |
| Crossload 2 | 44.7 mV | 19.9 mV | 18.3 mV | 11.3 mV | Pass      |

The results above are not used in the certification process

### 230V

| Test     | 12V     | 5V      | 3.3V    | 5VSB   | Pass/Fail |
|----------|---------|---------|---------|--------|-----------|
| 10% Load | 20.4 mV | 15.1 mV | 16.2 mV | 5.2 mV | Pass      |
| 20% Load | 29.0 mV | 14.7 mV | 13.4 mV | 5.9 mV | Pass      |
| 30% Load | 34.8 mV | 17.3 mV | 17.3 mV | 6.7 mV | Pass      |
| 40% Load | 37.7 mV | 18.7 mV | 19.5 mV | 7.4 mV | Pass      |
| 50% Load | 33.2 mV | 18.8 mV | 18.7 mV | 8.0 mV | Pass      |
| 60% Load | 32.3 mV | 19.6 mV | 16.8 mV | 8.2 mV | Pass      |
| 70% Load | 32.8 mV | 21.6 mV | 16.4 mV | 8.4 mV | Pass      |
| 80% Load | 35.6 mV | 21.6 mV | 18.5 mV | 9.3 mV | Pass      |

| Test        | 12V     | 5V      | 3.3V    | 5VSB    | Pass/Fail |
|-------------|---------|---------|---------|---------|-----------|
| 90% Load    | 41.1 mV | 22.4 mV | 18.6 mV | 10.2 mV | Pass      |
| 100% Load   | 47.6 mV | 23.9 mV | 19.9 mV | 10.6 mV | Pass      |
| 110% Load   | 55.4 mV | 23.8 mV | 19.3 mV | 11.1 mV | Pass      |
| Crossload 1 | 27.9 mV | 20.5 mV | 16.2 mV | 6.9 mV  | Pass      |
| Crossload 2 | 47.5 mV | 20.3 mV | 17.8 mV | 9.8 mV  | Pass      |

The results above are not used in the certification process

### Antec Earth Watts Gold Pro 750W



Top side

All data and graphs included in this test report can be used by any individual on the following conditions:

- › It should be mentioned that the test results are provided by Cybenetics
- › The link to the original test results document should be provided in any case

CYBENETICS LTD Syrou 6, Latsia, 2231, Nicosia Cyprus

|                                                                                                                 |                            |       |      |      |      |       |
|-----------------------------------------------------------------------------------------------------------------|----------------------------|-------|------|------|------|-------|
| Switching power supply / Bloc d'alimentation / Schaltnetzteil / Fuente de Alimentación / 交換式電源供應器 / 交換式電源供應器    |                            |       |      |      |      |       |
| AC Input / Entrée / Eingang / Entrada / 交流輸入 / 交流輸入:                                                            |                            |       |      |      |      |       |
| 100-240VAC, 50Hz-60Hz, 10A-5A                                                                                   |                            |       |      |      |      |       |
| Model / Modèle / Modell / Modelo / 型號 / 型号: EA750G PRO                                                          |                            |       |      |      |      |       |
| 直流輸出/<br>直流輸出                                                                                                   | DC Output                  | +3.3V | +5V  | +12V | -12V | +5VSB |
|                                                                                                                 | Max.最大                     | 20A   | 20A  | 62A  | 0.3A | 3.0A  |
| 瓦數配比/<br>瓦數配比                                                                                                   | 合併瓦數/合併瓦數<br>Max. Combined | 100W  | 744W | 3.6W | 15W  |       |
|                                                                                                                 | 總瓦數/總瓦數<br>Total           | 750W  |      |      |      |       |
| WARNING: Hazardous voltages contained within this power supply. Not user-servicable. Return to service center   |                            |       |      |      |      |       |
| ATTENTION: Tensions dangereuses contenues dans cette alimentation. N'essayez pas de la réparer vous-même.       |                            |       |      |      |      |       |
| Retournez-la au service clientèle pour toute réparation.                                                        |                            |       |      |      |      |       |
| WARNUNG: Netzteil unter gefährlicher Spannung. Nicht vom Nutzer wartbar. Zur Reparatur an Kundendienst schicken |                            |       |      |      |      |       |
| 警告! 非專業維修人員請勿自行開啟此蓋/非專業維修人員請勿自行開啟此蓋。                                                                            |                            |       |      |      |      |       |
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Power specifications label

Cybenetics runs voluntary certification programs for power supplies - ETA for efficiency, LAMBDA for noise and SAFE for safety and correct operation - and for cooling products, with DELTA for chassis soundproofing and PHI for fan airflow and static pressure. THETA rates cooler performance on AMD AM5 and Intel LGA1851 outside ISO 17065 and accreditation scope

www.cybenetics.com - info@cybenetics.com