

**GIGABYTE™**

## Gigabyte GP-UD1000GM PG5 V2 / ICE

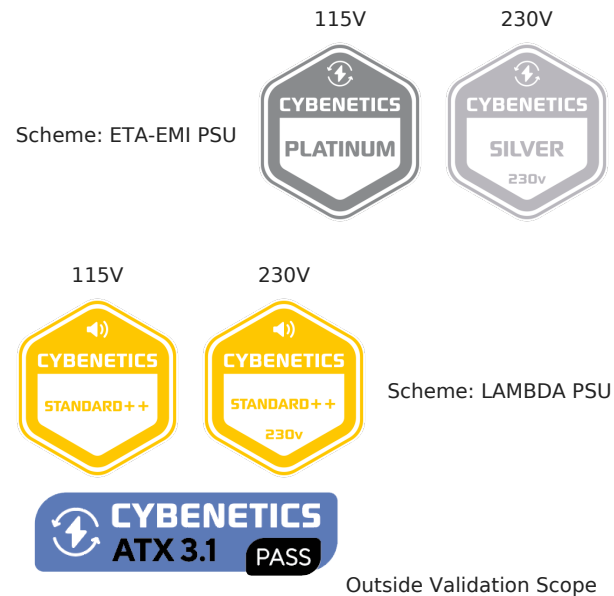
Serial Number -

Lab ID GB10003071

Certification ID 253071

Test Result Report ID: 25PS3071A

Certificate Issue Date: Jan 9, 2026



## 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        | Brueel & Kjaer 2270 G4                                                              |
| Microphone            | Brueel & 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                             | Gigabyte                                          |
| Model                             | GP-UD1000GM PG5 V2 / ICE                          |
| OEM/ODM                           | Guangzhou Pansheng Electronic Technology Co., Ltd |
| Serial Number                     | -                                                 |
| Product Specifications            |                                                   |
| Manufacturer-Provided Information |                                                   |
| Rated Voltage (Vrms)              | 100-240                                           |
| Rated Current (Arms)              | 6.5-12                                            |

|                                                   |                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated Frequency (Hz)                              | 50-60                                                                                                                                                                                                                                                                                     |
| Rated Power (W)                                   | 1000                                                                                                                                                                                                                                                                                      |
| Operating Temperature (Continuous Full Load) (°C) | 0 - 50                                                                                                                                                                                                                                                                                    |
| Type                                              | ATX12V                                                                                                                                                                                                                                                                                    |
| Cable Design                                      | Fully Modular                                                                                                                                                                                                                                                                             |
| Warranty                                          | No info                                                                                                                                                                                                                                                                                   |
| Cybenetics Measurements                           |                                                                                                                                                                                                                                                                                           |
| Dimensions (W x H x D)                            | 150 x 85 x 140mm                                                                                                                                                                                                                                                                          |
| Weight                                            | 1.40 kg (3.09lb)                                                                                                                                                                                                                                                                          |
| Cooling                                           | 120mm Fluid Dynamic Bearing Fan (BK BDH12025S)                                                                                                                                                                                                                                            |
| Semi-Passive Operation                            | ✓                                                                                                                                                                                                                                                                                         |
| Cybenetics Testing Information                    |                                                                                                                                                                                                                                                                                           |
| Lab ID                                            | GB10003071                                                                                                                                                                                                                                                                                |
| Date of receipt                                   | Nov 17, 2025                                                                                                                                                                                                                                                                              |
| Testing Date                                      | Dec 29, 2025                                                                                                                                                                                                                                                                              |
| Report Issued Date                                | Jan 9, 2026                                                                                                                                                                                                                                                                               |
| DUT Notes                                         | <ul style="list-style-type: none"> <li>• The results apply to both the black and white (ICE) models.</li> <li>• The vampire power consumption is too high for the Gold ETA rating at 230V (0.2127W).</li> <li>• PF @ 230V is lower than the Platinum ETA level's requirements.</li> </ul> |
| Engineer Name                                     | Ioannis Kalyviotis                                                                                                                                                                                                                                                                        |
| Authorized By the Laboratory Technical Manager    | Aristeidis Bitziopoulos                                                                                                                                                                                                                                                                   |
| Signature                                         |                                                                                                                                                                                                        |

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

| Modular Cables                 |             |                         |          |               |
|--------------------------------|-------------|-------------------------|----------|---------------|
| Description                    | Cable Count | Connector Count (Total) | Gauge    | Cable Type    |
| ATX connector 20+4 pin (600mm) | 1           | 1                       | 18AWG    | Tinned Copper |
| 4+4 pin EPS12V (650mm+200mm)   | 1           | 2                       | 18AWG    | Tinned Copper |
| 6+2 pin PCIe (600mm+145mm)     | 2           | 4                       | 18AWG    | Tinned Copper |
| 12+4 pin PCIe (700mm) (600W)   | 1           | 1                       | 16-24AWG | Tinned Copper |

|                                                |   |       |       |               |
|------------------------------------------------|---|-------|-------|---------------|
| SATA (600mm+150mm+150mm+150mm)                 | 2 | 8     | 18AWG | Tinned Copper |
| 4-pin Molex (500mm+150mm+150mm) / FDD (+150mm) | 1 | 3 / 1 | 18AWG | Tinned Copper |

### Protection Features(Manufacturer)

|                                |   |
|--------------------------------|---|
| Over Power Protection          | ✓ |
| Over Current (+12V) Protection | ✓ |
| Over Temperature Protection    | ✓ |
| Short Circuit Protection       | ✓ |
| Surge Protection               | ✓ |
| Inrush Current Protection      | ✓ |
| Fan Failure Protection         | ✗ |

### Power Specifications

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

### Parts Description

|                     |                                                                                 |
|---------------------|---------------------------------------------------------------------------------|
| <b>General Data</b> |                                                                                 |
| Manufacturer (OEM)  | Guangzhou Pansheng Electronic Technology Co., Ltd                               |
| PCB Type            | Double-Sided                                                                    |
| <b>Primary Side</b> |                                                                                 |
| Transient Filter    | 4x Y caps, 3x X caps, 2x CM chokes, 1x MOV                                      |
| Inrush Protection   | NTC Thermistor MF72-10D15 (10 Ohm @ 25°C) & Relay                               |
| Bridge Rectifier    | 2x GBU2510 (1000V, 25A @ 100°C)                                                 |
| APFC MOSFETs        | 2x Wuhan Xinyuan Semiconductor CWH65R038AZ (650V, 30A @ 25°C, Rds(on): 38mOhm)  |
| APFC Boost Diode    | 1x CR Micro CRXF10D065G2 (650V, 10A @ 125°C)                                    |
| Bulk Cap(s)         | 2x Toshin Kogyo (420V, 390µF, 2000h @ 105°C, LW)                                |
| Main Switchers      | 2x Wuhan Xinyuan Semiconductor CWS60R099BZ (600V, 25A @ 100°C, Rds(on): 99mOhm) |

|                        |                                                                                                                                                               |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| APFC Controller        | Champion CM6500UNX                                                                                                                                            |
| Resonant Controller    | Champion CU6901T6X                                                                                                                                            |
| Topology               | Primary side: APFC, Half-Bridge & LLC Resonant Converter<br>Secondary side: [12V] Synchronous Rectification & [Minor Rails] DC-DC converters                  |
| <b>Secondary Side</b>  |                                                                                                                                                               |
| +12V MOSFETs           | 6x Nexperia PSMN1R0-40YLD (40V, 280A @ 25°C, Rds(on): 1.1mOhm)                                                                                                |
| 5V & 3.3V              | DC-DC Converters: 4x InPower Semiconductor FTG022N03S (30V, 120A @ 100°C, Rds(on): 2.2mOhm)<br>PWM Controller(s): 2x ANPEC APW7164                            |
| Filtering Capacitors   | Electrolytic:<br>10x Toshin Kogyo (@ 105°C, AZ series)<br>6x Toshin Kogyo (@ 105°C, HZ series)<br>Polymer:<br>7x Teapo (470μF, 16V)<br>9x Teapo (820μF, 6.3V) |
| Supervisor IC          | Grenergy GR8329E (OVP, UVP, OCP, PGO, FPO)                                                                                                                    |
| MCU / Fan Controller   | Anpec APW9010                                                                                                                                                 |
| Fan Model              | BOK BDH12025S (120mm, 12V, 0.18A, Fluid Dynamic Bearing)                                                                                                      |
| <b>5VSB Circuit</b>    |                                                                                                                                                               |
| Rectifier              | Dongke Semiconductor DK5V60R20H Synchronous Rectifier (60V, 35A, Rds(on): 20mOhm)                                                                             |
| Standby PWM Controller | Excelliance MOS Corporation EM8564A                                                                                                                           |

## 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 | ✓                 |
| ATX v3.1 PSU Power Excursion                 | ✓                 |

Performance Summary 115V

|                                                |          |
|------------------------------------------------|----------|
| Accredited                                     |          |
| Average Efficiency (>1450 load combinations)   | 89.270%  |
| Average Noise Output (>1450 Load Combinations) | 31.48dBA |
| Average PF (>1450 Load Combinations)           | 0.982    |
| Efficiency With 10W (≤500W) or 2% (>500W) Load | 69.884%  |
| Standby Power Consumption                      | 0.0712W  |
| Non-Accredited                                 |          |
| 12V Ripple (Full Load)                         | 32.46mV  |
| 5V Ripple (Full Load)                          | 27.75mV  |
| 3.3V Ripple (Full Load)                        | 26.18mV  |
| 5VSB Ripple (Full Load)                        | 28.43mV  |
| 12V Load Regulation                            | 0.49%    |
| 5V Load Regulation                             | 0.70%    |
| 3.3V Load Regulation                           | 0.52%    |
| 5VSB Load Regulation                           | 1.93%    |
| Inrush Current                                 | 19.760A  |

Hold-Up Time & PWR\_OK Signal

|                                       |      |
|---------------------------------------|------|
| Hold-Up Time (ms)                     | 25.8 |
| AC Loss to PWR_OK Hold Up Time (ms)   | 21.4 |
| PWR_OK Inactive to DC Loss Delay (ms) | 4.4  |

Stromverbrauch im Ruhezustand

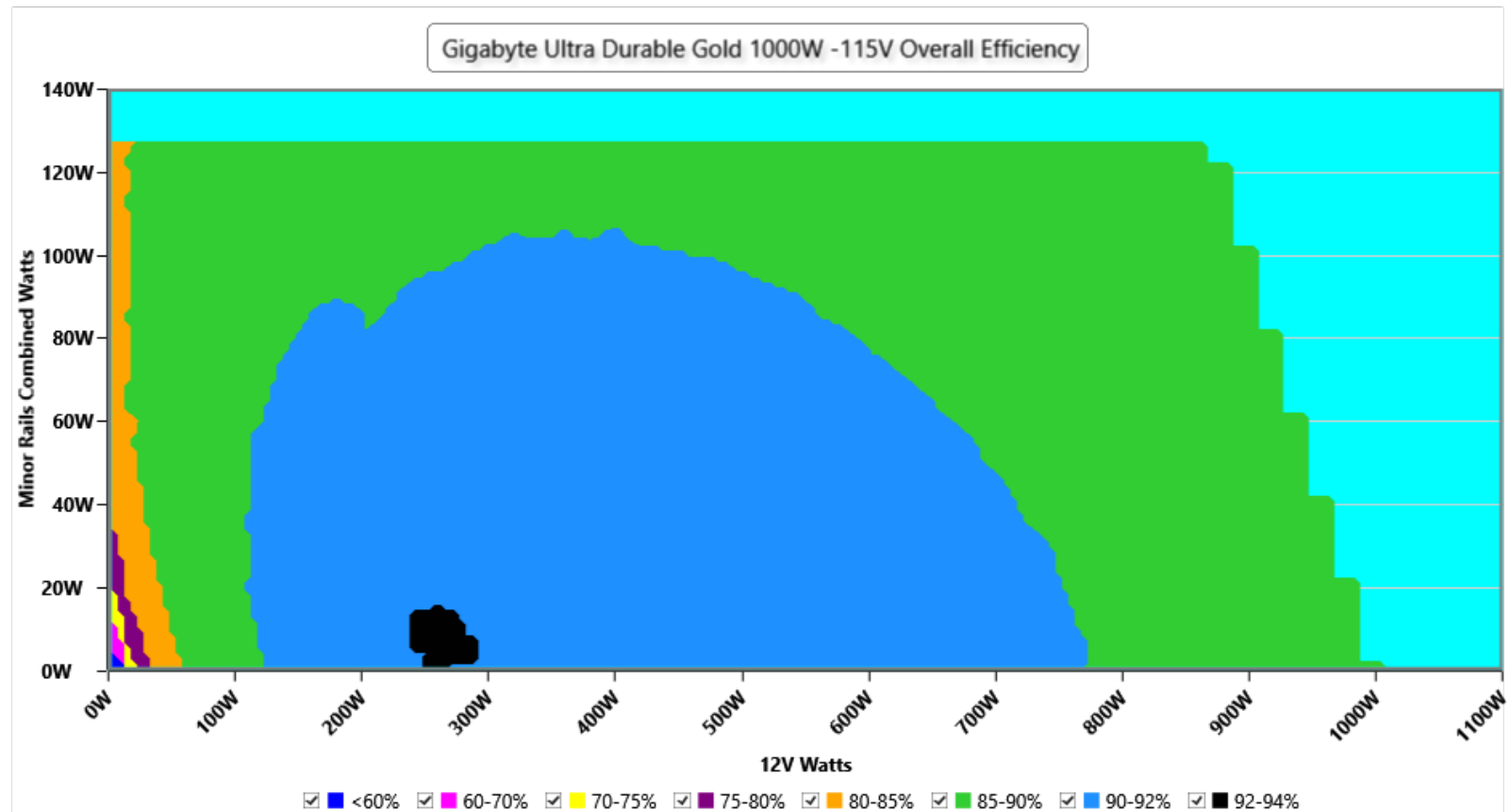
Tables 115V

| Detailed Results   |          |          |           |          |           |        |
|--------------------|----------|----------|-----------|----------|-----------|--------|
|                    | Average  | Min      | Limit Min | Max      | Limit Max | Result |
| Mains Voltage RMS: | 230.07 V | 230.06 V | 227.70 V  | 230.10 V | 232.30 V  | PASS   |

|                    |          |          |          |          |          |      |
|--------------------|----------|----------|----------|----------|----------|------|
| Mains Frequency:   | 50.00 Hz | 50.00 Hz | 49.50 Hz | 50.01 Hz | 50.50 Hz | PASS |
| Mains Voltage CF:  | 1.415    | 1.415    | 1.340    | 1.416    | 1.490    | PASS |
| Mains Voltage THD: | 0.15 %   | 0.13 %   | N/A      | 0.16 %   | 2.00 %   | PASS |
| Real Power:        | 0.213 W  | 0.170 W  | N/A      | 0.280 W  | N/A      | N/A  |
| Apparent Power:    | 67.211 W | 67.180 W | N/A      | 67.241 W | N/A      | N/A  |
| Power Factor:      | 0.003    | N/A      | N/A      | N/A      | N/A      | N/A  |

## Efficiency Graph

115V

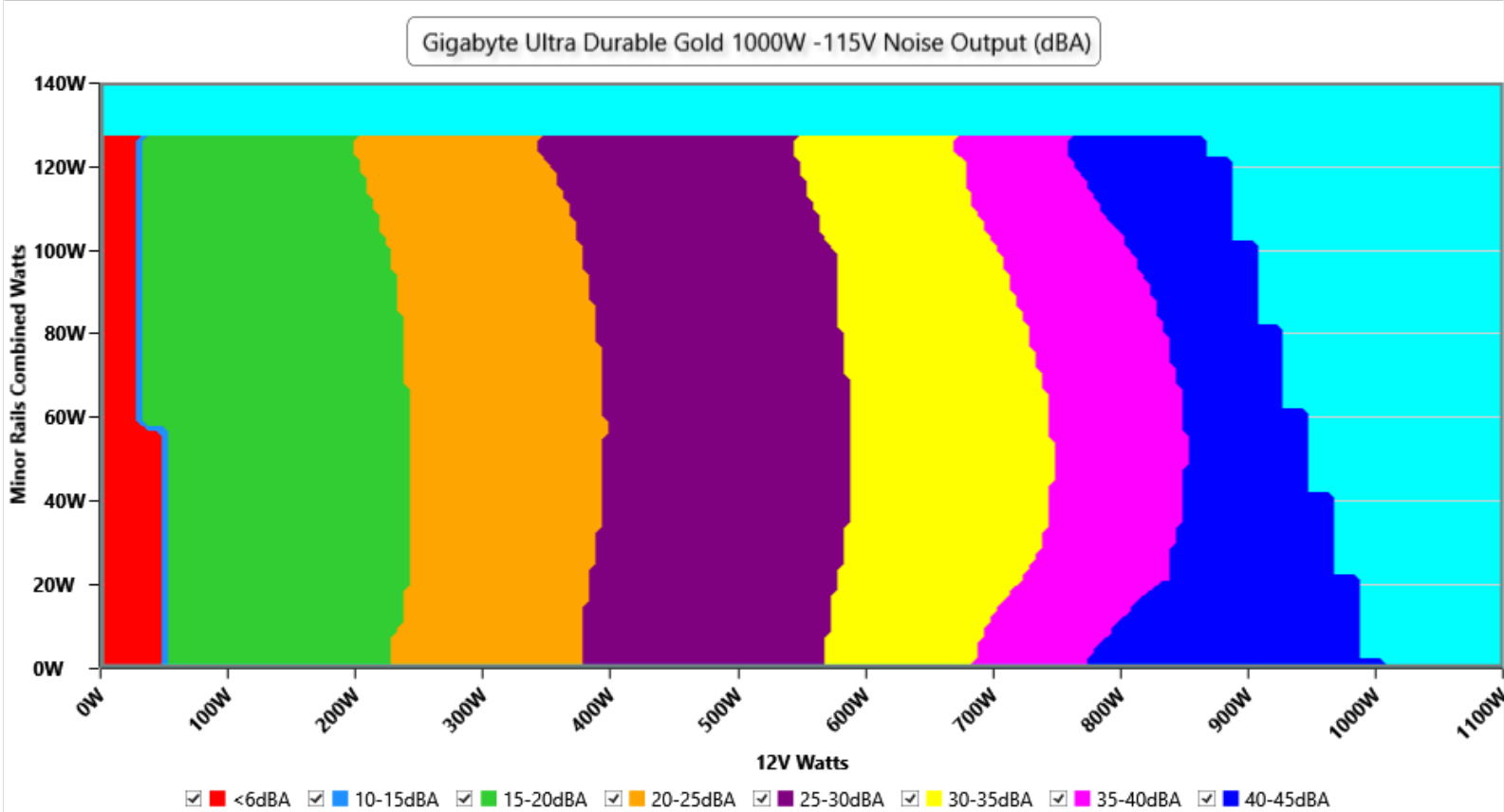


### INFO

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

# Noise Graph

115V

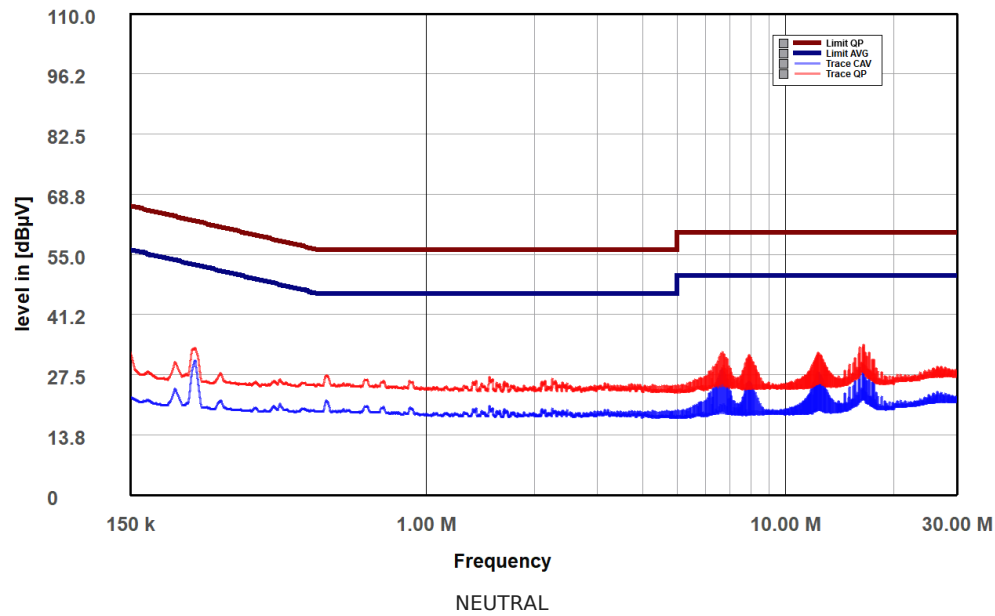


## INFO

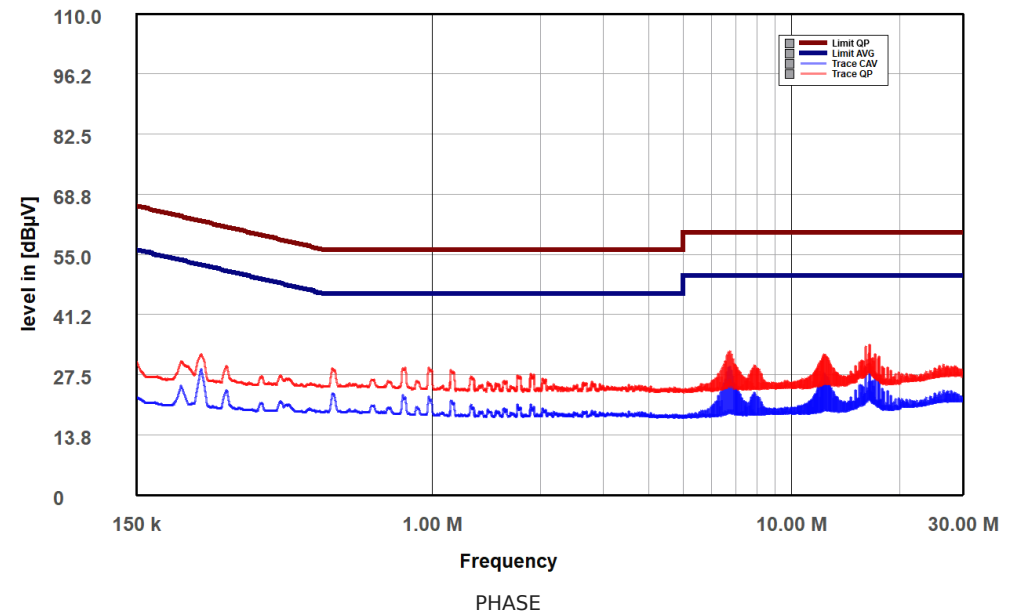
The PSU`s noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails

## Conducted Emissions EN 55032 & CISPR 32

Gigabyte Ultra durable Gold 1000W (GB10003071) Neutral



Gigabyte Ultra durable Gold 1000W (GB10003071) Phase

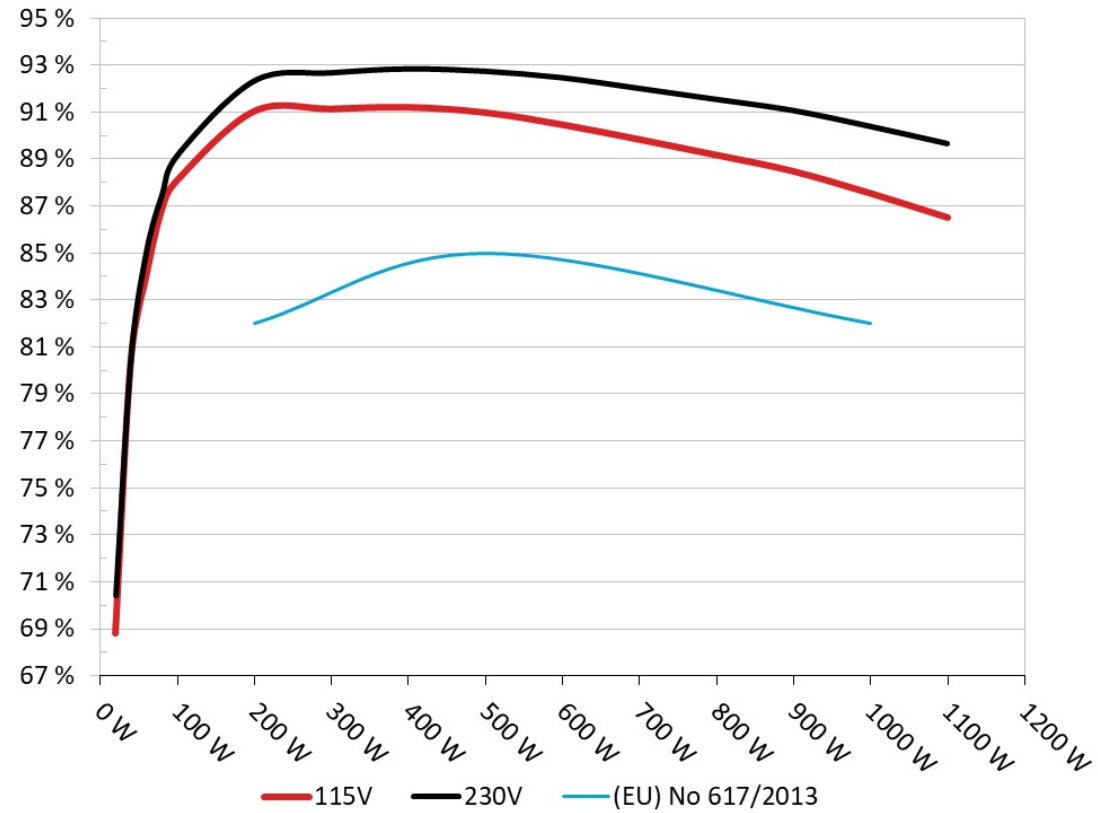


## Indicative Performance

### Efficiency under high ambient temperature

#### Efficiency: Gigabyte Ultra Durable Gold 1000W

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



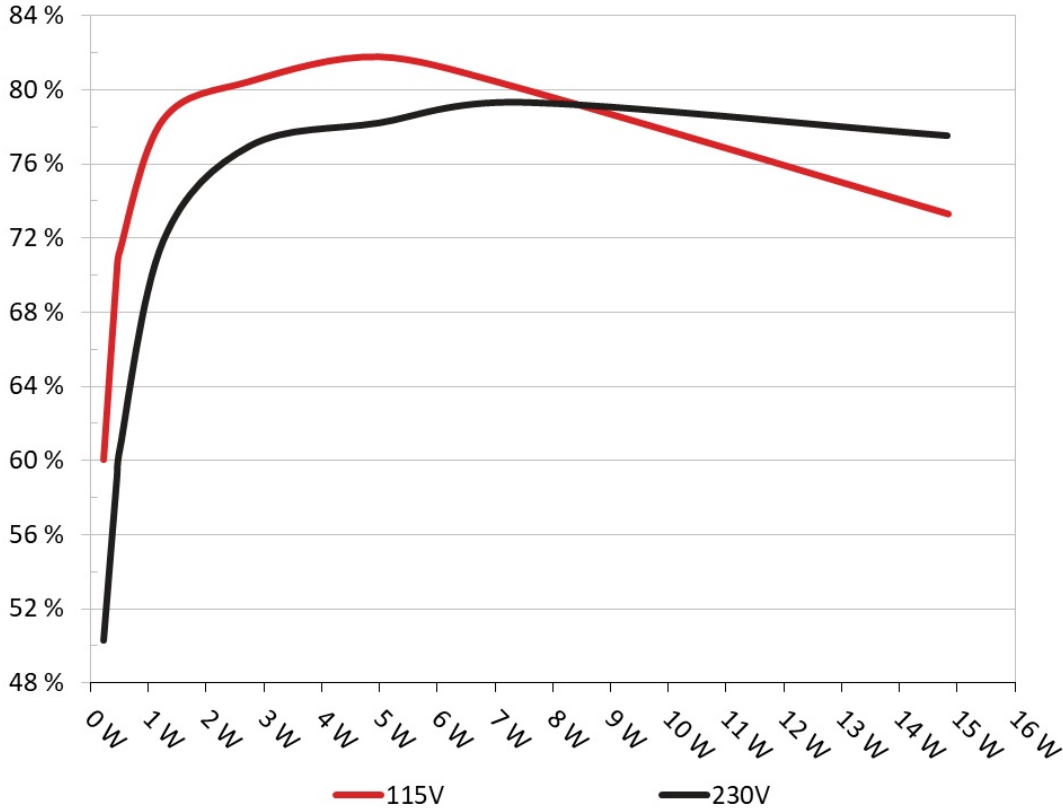
#### INFO

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: Gigabyte Ultra Durable Gold 1000W

Ambient: 25°C - 30°C (77°F - 86°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 | 0.226W        | 60.044%    | 0.019       |
|        | 5.025V | 0.376W        |            | 115.04V     |

|          |              |         |         |         |
|----------|--------------|---------|---------|---------|
| <b>2</b> | <b>0.09A</b> | 0.452W  | 70.053% | 0.032   |
|          | 5.024V       | 0.645W  |         | 115.04V |
| <b>3</b> | <b>0.55A</b> | 2.756W  | 80.436% | 0.154   |
|          | 5.012V       | 3.426W  |         | 115.04V |
| <b>4</b> | <b>1A</b>    | 4.999W  | 81.761% | 0.237   |
|          | 5V           | 6.114W  |         | 115.04V |
| <b>5</b> | <b>1.5A</b>  | 7.48W   | 80.02%  | 0.298   |
|          | 4.986V       | 9.348W  |         | 115.04V |
| <b>6</b> | <b>3A</b>    | 14.838W | 73.288% | 0.377   |
|          | 4.947V       | 20.246W |         | 115.03V |

## Protection Features

|                                        |                                                                                                                                   |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| OCP (Normal @ 28.7°C)                  | 12V: 100.80A (121.01%), 11.845V<br>5V: 29.2A (116.80%), 5.115V<br>3.3V: 31.004A (124.02%), 3.249V<br>5VSB: 3.8A (126.67%), 4.922V |
| OCP (Hot @ 44.8°C)                     | 12V: 96.80A (116.21%), 11.850V<br>5V: 28.7A (114.80%), 5.108V<br>3.3V: 31.1A (124.40%), 3.248V<br>5VSB: 3.7A (123.33%), 4.924V    |
| OPP (Normal @ 31.4°C)                  | 1273.083W (127.31%)                                                                                                               |
| OPP (Hot @ 44.6°C)                     | 1225.062W (122.51%)                                                                                                               |
| OTP                                    | ✓ (128°C @ 12V Heatsink)                                                                                                          |
| SCP                                    | 12V to Earth: ✓<br>5V to Earth: ✓<br>3.3V to Earth: ✓<br>5VSB to Earth: ✓<br>-12V to Earth: ✓                                     |
| PWR_OK                                 | Proper Operation                                                                                                                  |
| UVP (Full Load @ 90V)                  | ✓                                                                                                                                 |
| UVP (No Damage @ 80V)                  | ✓                                                                                                                                 |
| Conducted Emissions EN55032 & CISPR 32 | ✓                                                                                                                                 |
| NLO                                    | ✓                                                                                                                                 |

|                        |                                          |
|------------------------|------------------------------------------|
| Fan Failure Protection | X                                        |
| SIP                    | Surge: MOV<br>Inrush: NTC & Bypass Relay |

## 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 |
|------|---------|--------|--------|--------|---------------|------------|-----------------|-------------------|----------------|-------------|
| 10%  | 6.614A  | 1.977A | 2.007A | 1A     | 100.009       | 88.09%     | 739             | 21.1              | 40.43°C        | 0.965       |
|      | 11.855V | 5.059V | 3.288V | 4.999V | 113.531       |            |                 |                   | 42.3°C         | 115.01V     |
| 20%  | 14.268A | 2.966A | 3.012A | 1.202A | 199.962       | 91.039%    | 778             | 22.5              | 40.56°C        | 0.966       |
|      | 11.849V | 5.057V | 3.287V | 4.992V | 219.644       |            |                 |                   | 43.04°C        | 114.97V     |
| 30%  | 22.287A | 3.465A | 3.516A | 1.404A | 300.022       | 91.138%    | 875             | 26.3              | 41.15°C        | 0.979       |
|      | 11.844V | 5.051V | 3.285V | 4.985V | 329.189       |            |                 |                   | 45.88°C        | 114.94V     |
| 40%  | 30.273A | 3.964A | 4.02A  | 1.607A | 399.598       | 91.207%    | 962             | 29.2              | 41.92°C        | 0.985       |
|      | 11.839V | 5.046V | 3.284V | 4.978V | 438.12        |            |                 |                   | 46.62°C        | 114.9V      |
| 50%  | 37.929A | 4.957A | 5.028A | 1.811A | 499.324       | 90.985%    | 1042            | 31.5              | 42.32°C        | 0.989       |
|      | 11.833V | 5.044V | 3.282V | 4.97V  | 548.796       |            |                 |                   | 49.75°C        | 114.86V     |
| 60%  | 45.662A | 5.95A  | 6.038A | 2A     | 599.789       | 90.467%    | 1434            | 39.4              | 42.8°C         | 0.991       |
|      | 11.827V | 5.043V | 3.28V  | 4.963V | 662.995       |            |                 |                   | 50.94°C        | 114.83V     |
| 70%  | 53.336A | 6.944A | 7.048A | 2.22A  | 699.582       | 89.84%     | 1735            | 43                | 43.27°C        | 0.993       |
|      | 11.821V | 5.041V | 3.278V | 4.956V | 778.702       |            |                 |                   | 51.08°C        | 114.79V     |
| 80%  | 61.086A | 7.937A | 8.059A | 2.323A | 799.582       | 89.176%    | 1896            | 44.5              | 43.88°C        | 0.994       |
|      | 11.814V | 5.039V | 3.276V | 4.951V | 896.636       |            |                 |                   | 51.7°C         | 114.75V     |
| 90%  | 69.180A | 8.444A | 8.55A  | 2.426A | 899.347       | 88.485%    | 1900            | 44.6              | 44.24°C        | 0.995       |
|      | 11.808V | 5.032V | 3.275V | 4.947V | 1016.383      |            |                 |                   | 53.84°C        | 114.71V     |
| 100% | 77.079A | 8.954A | 9.073A | 3.045A | 999.366       | 87.547%    | 1904            | 44.7              | 45.14°C        | 0.996       |
|      | 11.802V | 5.024V | 3.274V | 4.927V | 1141.515      |            |                 |                   | 56.35°C        | 114.66V     |
| 110% | 84.905A | 9.956A | 10.18A | 3.046A | 1099.947      | 86.515%    | 1908            | 44.7              | 47.09°C        | 0.997       |
|      | 11.798V | 5.021V | 3.271V | 4.925V | 1271.396      |            |                 |                   | 59.83°C        | 114.62V     |

| Test | 12V     | 5V      | 3.3V    | 5VSB   | DC/AC (Watts) | Efficiency | Fan Speed (RPM) | PSU Noise (dB[A]) | Temps (In/Out) | PF/AC Volts |
|------|---------|---------|---------|--------|---------------|------------|-----------------|-------------------|----------------|-------------|
| CL1  | 0.118A  | 14.574A | 15.173A | 0A     | 126.297       | 82.72%     | 1868            | 44.3              | 40.14°C        | 0.963       |
|      | 11.867V | 5.166V  | 3.269V  | 5.027V | 152.678       |            |                 |                   | 43.82°C        | 114.99V     |
| CL2  | 0.118A  | 23.872A | 0A      | 0A     | 126.26        | 82.978%    | 925             | 28                | 40.69°C        | 0.962       |
|      | 11.864V | 5.231V  | 3.29V   | 5.027V | 152.156       |            |                 |                   | 43.46°C        | 114.99V     |
| CL3  | 0.117A  | 0A      | 25.331A | 0A     | 83.898        | 74.883%    | 943             | 28.5              | 40.19°C        | 0.965       |
|      | 11.864V | 5.018V  | 3.257V  | 5.028V | 112.038       |            |                 |                   | 44.23°C        | 115V        |
| CL4  | 84.754A | 0A      | 0A      | 0.001A | 999.931       | 88.296%    | 1908            | 44.7              | 45.85°C        | 0.995       |
|      | 11.798V | 4.948V  | 3.287V  | 5.012V | 1132.488      |            |                 |                   | 54.7°C         | 114.67V     |

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]) | Temps (In/Out) | PF/AC Volts |
|------|---------|--------|--------|--------|---------------|------------|-----------------|-------------------|----------------|-------------|
| 20W  | 1.253A  | 0.495A | 0.501A | 0.199A | 20.01         | 68.813%    | 685             | 18.4              | 36.72°C        | 0.748       |
|      | 11.860V | 5.054V | 3.291V | 5.022V | 29.079        |            |                 |                   | 39.27°C        | 115.03V     |
| 40W  | 2.758A  | 0.693A | 0.702A | 0.299A | 40.005        | 80.421%    | 688             | 18.5              | 37.4°C         | 0.871       |
|      | 11.857V | 5.054V | 3.29V  | 5.019V | 49.748        |            |                 |                   | 39.62°C        | 115.02V     |
| 60W  | 4.262A  | 0.89A  | 0.903A | 0.399A | 60.003        | 84.043%    | 696             | 19.4              | 38.69°C        | 0.931       |
|      | 11.857V | 5.054V | 3.29V  | 5.016V | 71.399        |            |                 |                   | 40.82°C        | 115.02V     |
| 80W  | 5.763A  | 1.088A | 1.104A | 0.499A | 79.954        | 86.827%    | 710             | 19.9              | 39.42°C        | 0.954       |
|      | 11.856V | 5.053V | 3.289V | 5.013V | 92.09         |            |                 |                   | 41.4°C         | 115.01V     |

The results above are not used in the certification process

### Ripple Measurements 115V

| Test     | 12V     | 5V      | 3.3V    | 5VSB    | Pass/Fail |
|----------|---------|---------|---------|---------|-----------|
| 10% Load | 29.06mV | 24.83mV | 24.81mV | 23.02mV | Pass      |
| 20% Load | 28.45mV | 23.86mV | 23.94mV | 22.61mV | Pass      |
| 30% Load | 30.70mV | 23.45mV | 23.43mV | 22.61mV | Pass      |
| 40% Load | 30.44mV | 24.01mV | 26.34mV | 22.56mV | Pass      |
| 50% Load | 30.49mV | 28.00mV | 26.45mV | 23.73mV | Pass      |

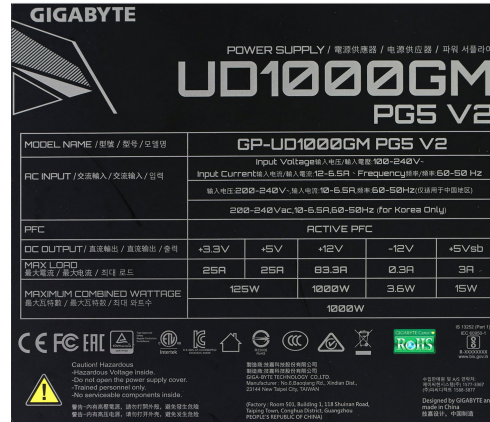
| Test       | 12V     | 5V      | 3.3V    | 5VSB    | Pass/Fail |
|------------|---------|---------|---------|---------|-----------|
| 60% Load   | 30.29mV | 26.67mV | 29.57mV | 25.57mV | Pass      |
| 70% Load   | 31.21mV | 26.77mV | 28.39mV | 25.27mV | Pass      |
| 80% Load   | 31.87mV | 27.38mV | 31.15mV | 27.01mV | Pass      |
| 90% Load   | 30.80mV | 29.68mV | 32.33mV | 27.67mV | Pass      |
| 100% Load  | 32.46mV | 27.75mV | 26.18mV | 28.43mV | Pass      |
| 110% Load  | 32.02mV | 28.80mV | 31.80mV | 29.85mV | Pass      |
| Crossload1 | 28.17mV | 26.63mV | 33.07mV | 20.91mV | Pass      |
| Crossload2 | 32.33mV | 32.80mV | 36.73mV | 23.43mV | Pass      |
| Crossload3 | 29.78mV | 25.44mV | 28.85mV | 21.63mV | Pass      |
| Crossload4 | 31.66mV | 25.14mV | 23.21mV | 27.39mV | Pass      |

The results above are not used in the certification process

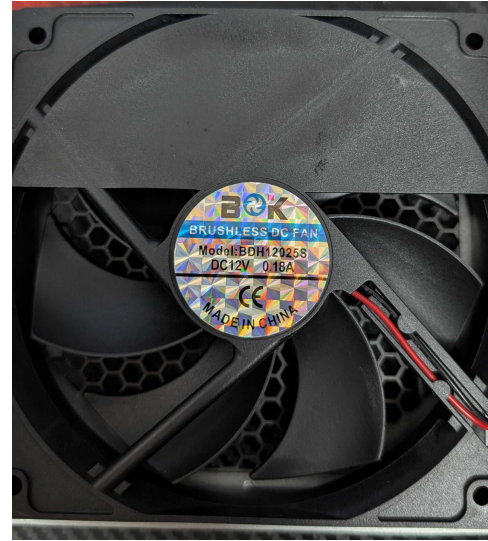
## Gigabyte GP-UD1000GM PG5 V2 / ICE



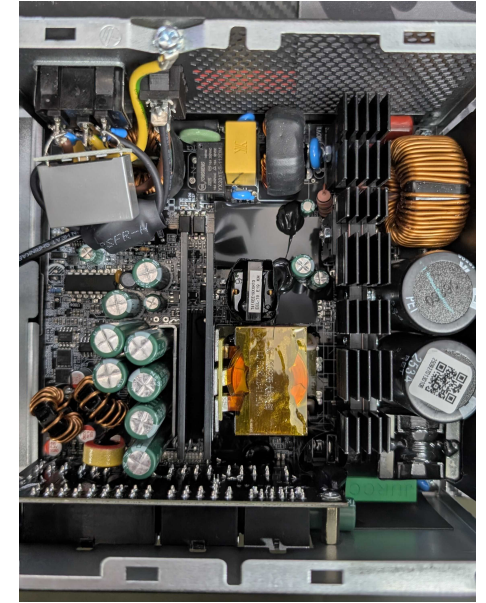
Top side



### Power specifications label



Fan



PSU Internals

Cybernetics bietet freiwillige Zertifizierungsprogramme für Netzteile – ETA für Effizienz, LAMBDA für Lautstärke und SAFE für Sicherheit und korrekten Betrieb – sowie für Kühlprodukte mit DELTA für die Schalldämmung von Gehäusen und PHI für Luftstrom und statischen Druck von Lüftern

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