



Gamer Storm PQ750G

Serial Number

Lab ID GA75002442

Certification ID 252442

Test Result Report ID: 24PS2442A

Certificate Issue Date: Sep 25, 2024

115V



CYBENETICS
GOLD

230V



CYBENETICS
GOLD
230v

Scheme: ETA-EMI PSU

115V



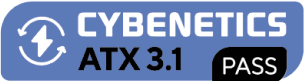
CYBENETICS
STANDARD++

230V



CYBENETICS
STANDARD++
230v

Scheme: LAMBDA PSU



Outside Validation Scope

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General Information

Test Equipment

Electronic Loads	Chroma 63601-5 x2 Chroma 63600-2 Chroma 63640-80-80 x10 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	Gamer Storm
Model	PQ750G
OEM/ODM	Helly Technology
Serial Number	
Product Specifications	
Manufacturer-Provided Information	
Rated Voltage (Vrms)	100-240
Rated Current (Arms)	10

Rated Frequency (Hz)	50-60
Rated Power (W)	750
Operating Temperature (Continuous Full Load) (°C)	
Type	ATX12V
Cable Design	Fully Modular
Warranty	-
Cybenetics Measurements	
Dimensions (W x H x D)	
Weight	
Cooling	120mm Rifle Bearing Fan (D12SH-12)
Semi-Passive Operation	X
Cybenetics Testing Information	
Lab ID	GA75002442
Date of receipt	Sep 4, 2024
Testing Date	Sep 16, 2024
Report Issued Date	Sep 25, 2024
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 (595mm)	1	1	18AWG	No
4+4 pin EPS12V (610mm)	2	2	16AWG	No
6+2 pin PCIe (600mm)	3	3	16AWG	No
12+4 pin PCIe (650mm) (600W)	1	1	16-24AWG	No
SATA (455mm+120mm+120mm+120mm)	2	8	18AWG	No
4-pin Molex (455mm+120mm+120mm+120mm)	1	4	18AWG	No

Protection Features(Manufacturer)

Under Voltage Protection	✓
Over Power Protection	✓
Over Current (+12V) Protection	✓
Over Temperature Protection	✓
Short Circuit Protection	✓
Surge Protection	✓
Inrush Current Protection	✓

Power Specifications

Rail		3.3V	5V	12V	5VSB	-12V
Max. Power	Amps	20	20	62	2.5	0.3
	Watts	100		744	12.5	3.6
Total Max. Power (W)		750				

Parts Description

General Data	
Manufacturer (OEM)	Helly Technology
PCB Type	Double-Sided
Primary Side	
Transient Filter	4x Y caps, 3x X caps, 2x CM chokes, 1x MOV
Inrush Protection	1x NTC Thermistor MF72 10D-20 (10 Ohm @25°C) & Relay
Bridge Rectifier(s)	2x
APFC MOSFETs	2x Oriental Semiconductor OSG55R190F (550V, 12.5A @ 100°C, Rds(on): 0.19Ohm)
APFC Boost Diode	1x WeEN BYC10X-600P (600V, 10A @ 61°C)
Bulk Cap(s)	1x Nichicon (400V, 560uF @ 105°C, GN(M))
Main Switchers	2x Perfect PTA25N50 (500V, 16A @ 100°C, Rds(on): 280mOhm)
APFC Controller	Champion CM6500UNX
Resonant Controller	Champion CM6901T6X
Topology	Primary side: APFC, Half-Bridge & LLC converter Secondary side: Synchronous Rectification & DC-DC converters

Secondary Side	
+12V MOSFETs	4x Fuxin Semiconductor FXN0204C (40V, 210A @ 100°C, Rds(on): 2.0mOhm)
5V & 3.3V	DC-DC Converters: 2x XSEMI XP3NA3R4MT (30V, 46A @ 100°C, Rds(on): 3.4mOhm) 2x Rectron Semiconductor 3N5R0 (30V, 19.7A @ @ 70°C, Rds(on): 5mOhm) PWM Controller(s): 2x ANPEC APW7073
Filtering Capacitors	Electrolytic: 2x Nippon Chemi-Con @ 105°C, (W), 1x Nippon Chemi-Con (2-5,000 @ 105°C, KZE) 3x Rubycon (4-10,000 @ 105°C, YXJ) 1x Rubycon (4-10,000 @ 105°C, YXF) 1x Rubycon (3-6,000 @ 105°C,ZLQ) Polymer: 35x Apaq
Supervisor IC	Weltrend WT7527RA (OVD, PGO, UVD, OCD)
Fan Model	Yate Loon D12SH-12 (120mm, 12V, 0.30A, Sleeve Bearing Fan)
5VSB	
High Side Rectifier	P6SMB (220V, 1A)
Standby PWM Controller	Excelliance MOS EM8569C

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)	88.587%

Average Noise Output (>1450 Load Combinations)	33.77dBA
Average PF (>1450 Load Combinations)	0.989
Efficiency With 10W ($\leq$ 500W) or 2% (>500W) Load	65.458%
Standby Power Consumption	0.0425W
Non-Accredited	
12V Ripple (Full Load)	31.39mV
5V Ripple (Full Load)	20.05mV
3.3V Ripple (Full Load)	22.92mV
5VSB Ripple (Full Load)	13.73mV
12V Load Regulation	0.66%
5V Load Regulation	0.79%
3.3V Load Regulation	1.57%
5VSB Load Regulation	3.35%
Inrush Current	30.940A

230V

Accredited	
Average Efficiency (>1450 load combinations)	90.801%
Average Noise Output (>1450 Load Combinations)	33.92dBA
Average PF (>1450 Load Combinations)	0.954
Efficiency With 10W ($\leq$ 500W) or 2% (>500W) Load	64.412%
Standby Power Consumption	0.0938W
Non-Accredited	
12V Ripple (Full Load)	30.57mV
5V Ripple (Full Load)	19.44mV
3.3V Ripple (Full Load)	23.28mV
5VSB Ripple (Full Load)	13.36mV
12V Load Regulation	0.66%
5V Load Regulation	0.79%
3.3V Load Regulation	1.60%
5VSB Load Regulation	3.33%
Inrush Current	58.700A

12V Transient Response (200%)	11.68V	
5V Transient Response (200%)	4.984V	
3.3V Transient Response (200%)	3.204V	
5VSB Transient Response (200%)	4.968V	
Hold-Up Time & PWR_OK Signal	21.60ms	
AC Loss to PWR_OK Hold Up Time	18.50ms	
PWR_OK Inactive to DC Loss Delay	3.10ms	
PSU Timings: T1 (20% / 100%)	60.0ms	60.0ms
PSU Timings: T3 (20% / 100%)	121.0ms	123.0ms
OPP (27.75°C / 42.04°C)	135.03%	128.55%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	21.6
AC Loss to PWR_OK Hold Up Time (ms)	18.5
PWR_OK Inactive to DC Loss Delay (ms)	3.1

Vampire Power

Tables

115V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	114.85 V	114.80 V	113.85 V	114.89 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	59.98 Hz	59.40 Hz	60.01 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.419	1.418	1.340	1.420	1.490	PASS
Mains Voltage THD:	0.14 %	0.11 %	N/A	0.19 %	2.00 %	PASS
Real Power:	0.042 W	0.009 W	N/A	0.065 W	N/A	N/A
Apparent Power:	7.696 W	7.673 W	N/A	7.720 W	N/A	N/A
Power Factor:	0.008	N/A	N/A	N/A	N/A	N/A

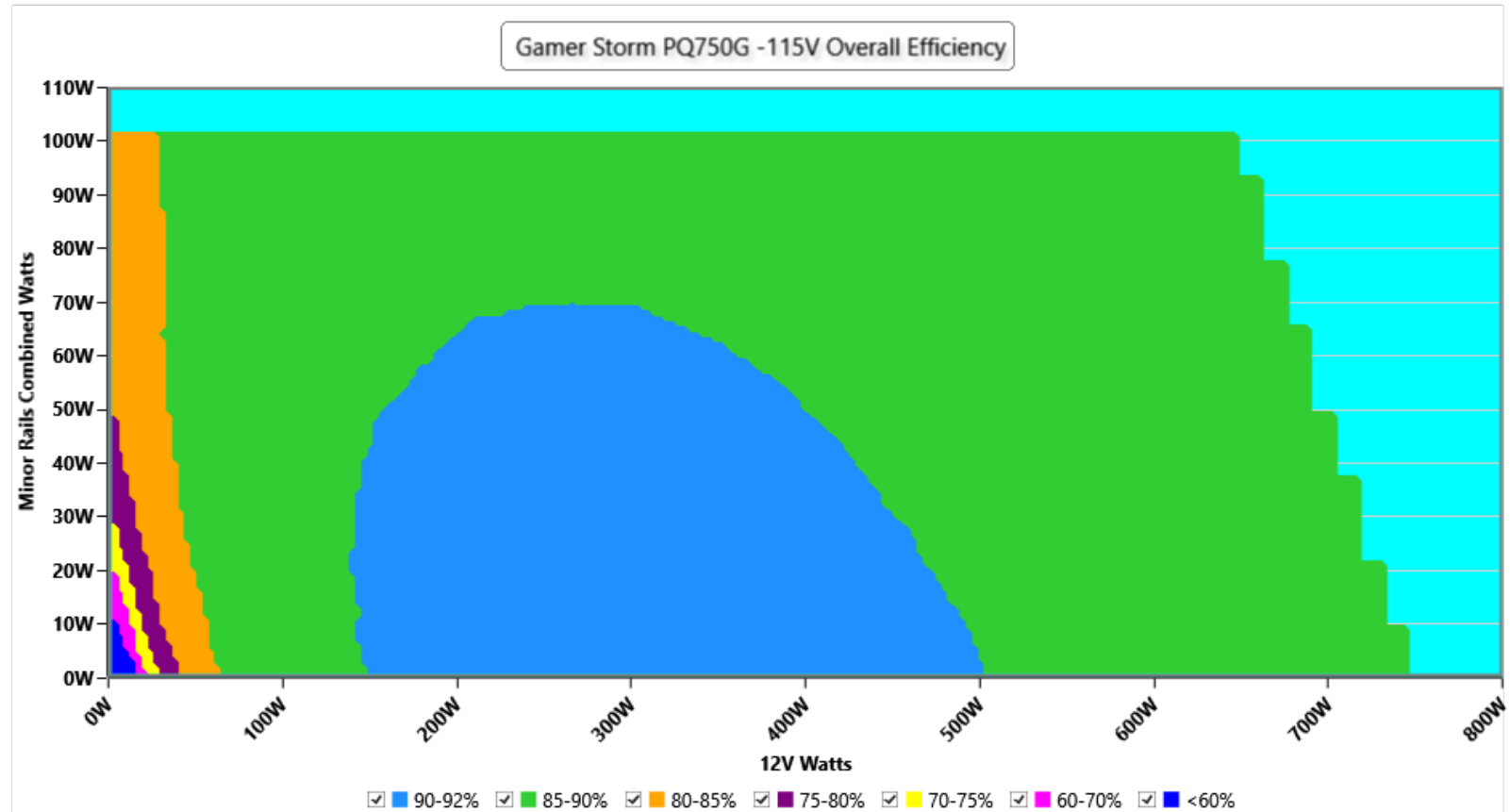
230V

Detailed Results

	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	229.83 V	229.79 V	227.70 V	229.92 V	232.30 V	PASS
Mains Frequency:	50.00 Hz	49.99 Hz	49.50 Hz	50.01 Hz	50.50 Hz	PASS
Mains Voltage CF:	1.418	1.417	1.340	1.419	1.490	PASS
Mains Voltage THD:	0.14 %	0.12 %	N/A	0.16 %	2.00 %	PASS
Real Power:	0.094 W	0.078 W	N/A	0.117 W	N/A	N/A
Apparent Power:	26.159 W	26.139 W	N/A	26.180 W	N/A	N/A
Power Factor:	0.004	N/A	N/A	N/A	N/A	N/A

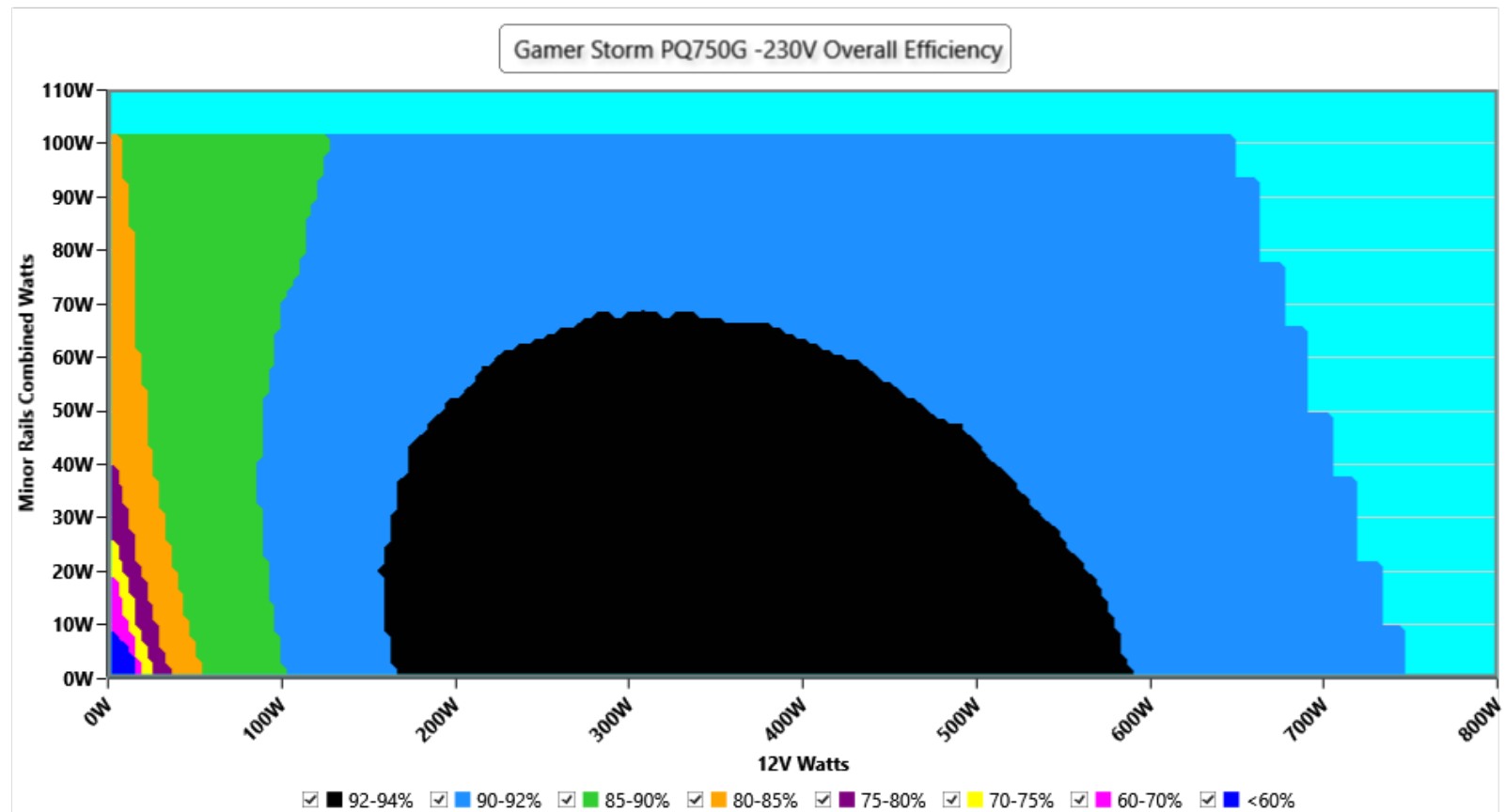
Efficiency Graph

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

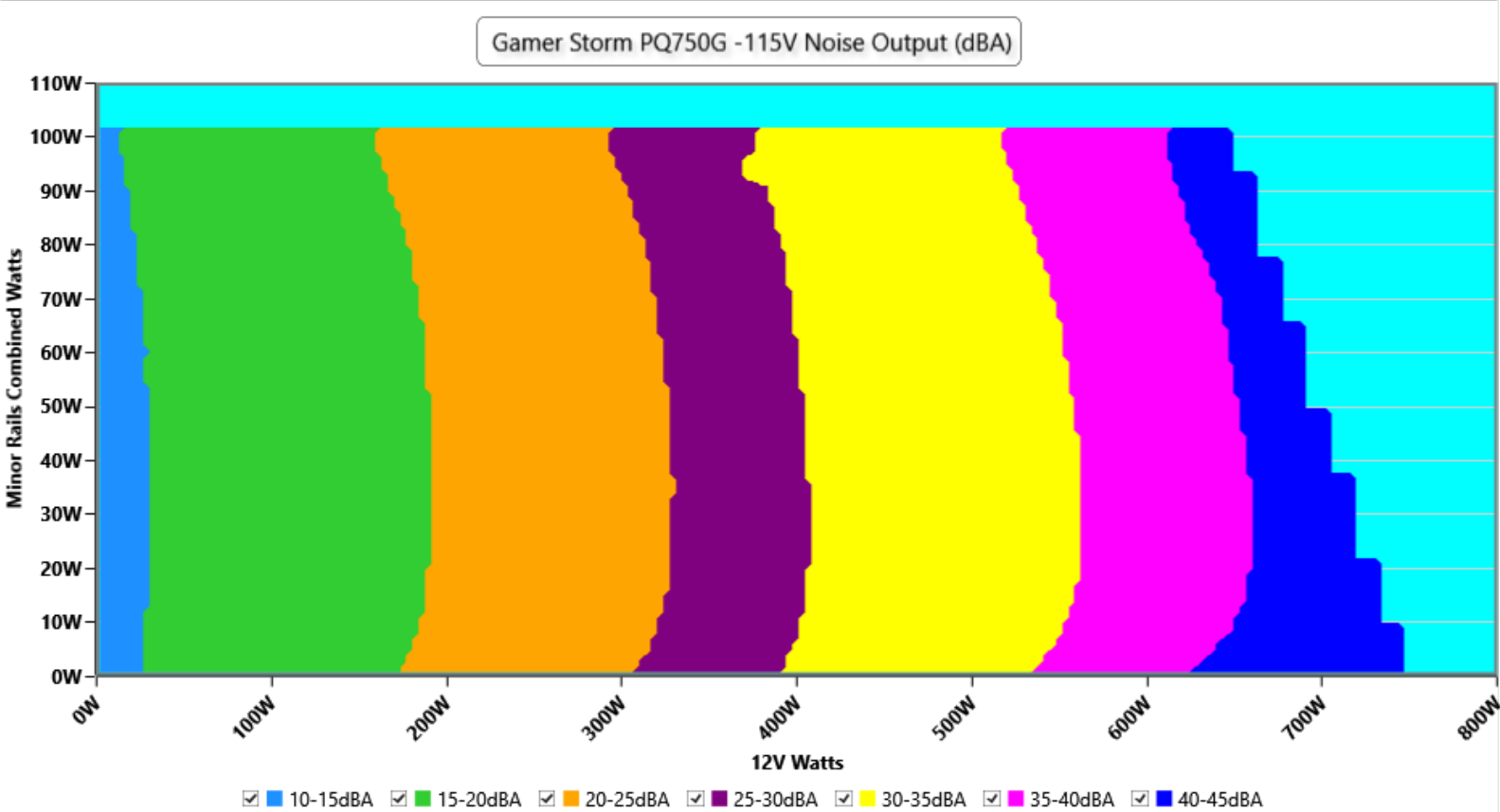


INFO

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

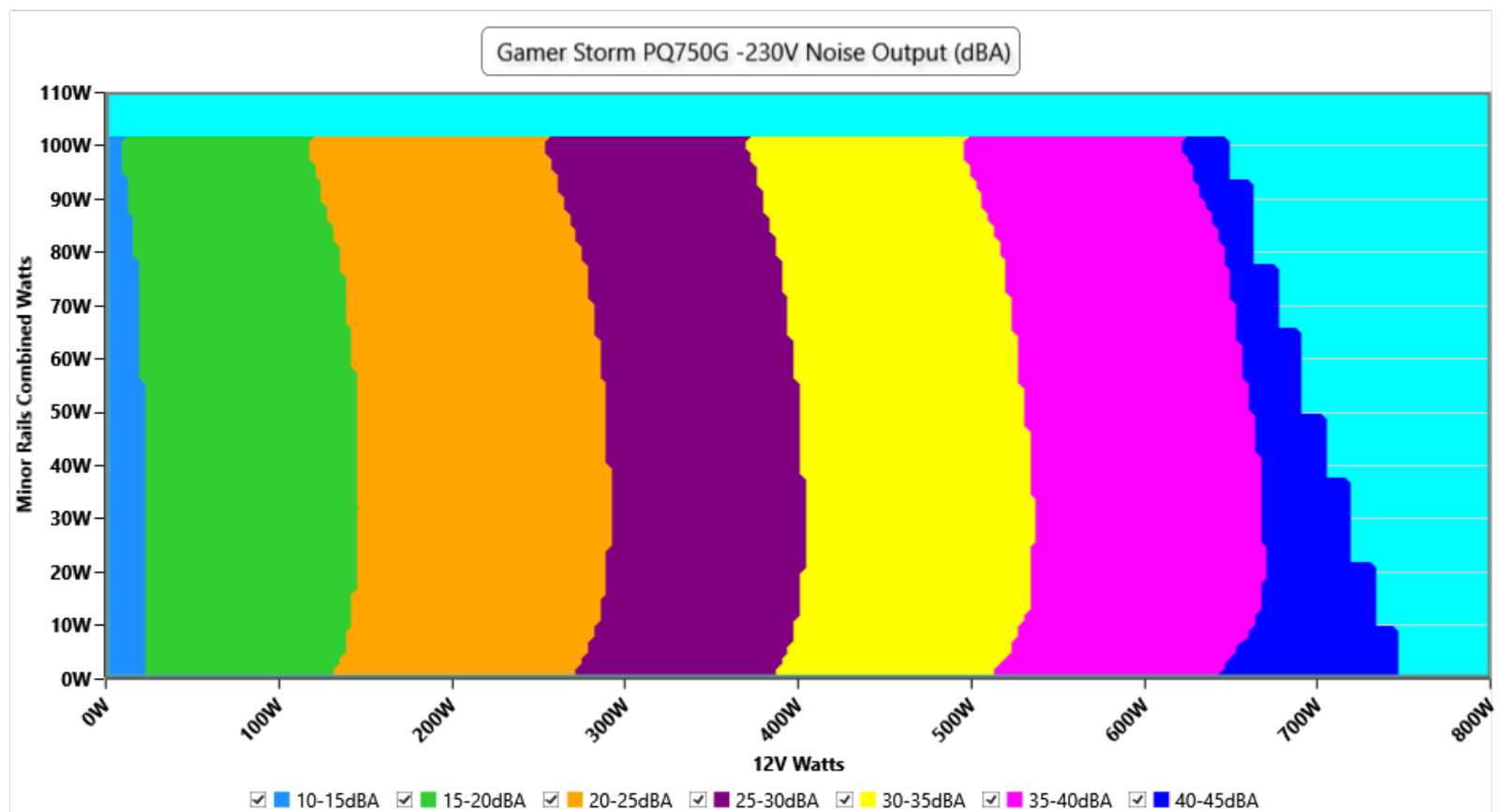
Noise Graph

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



INFO

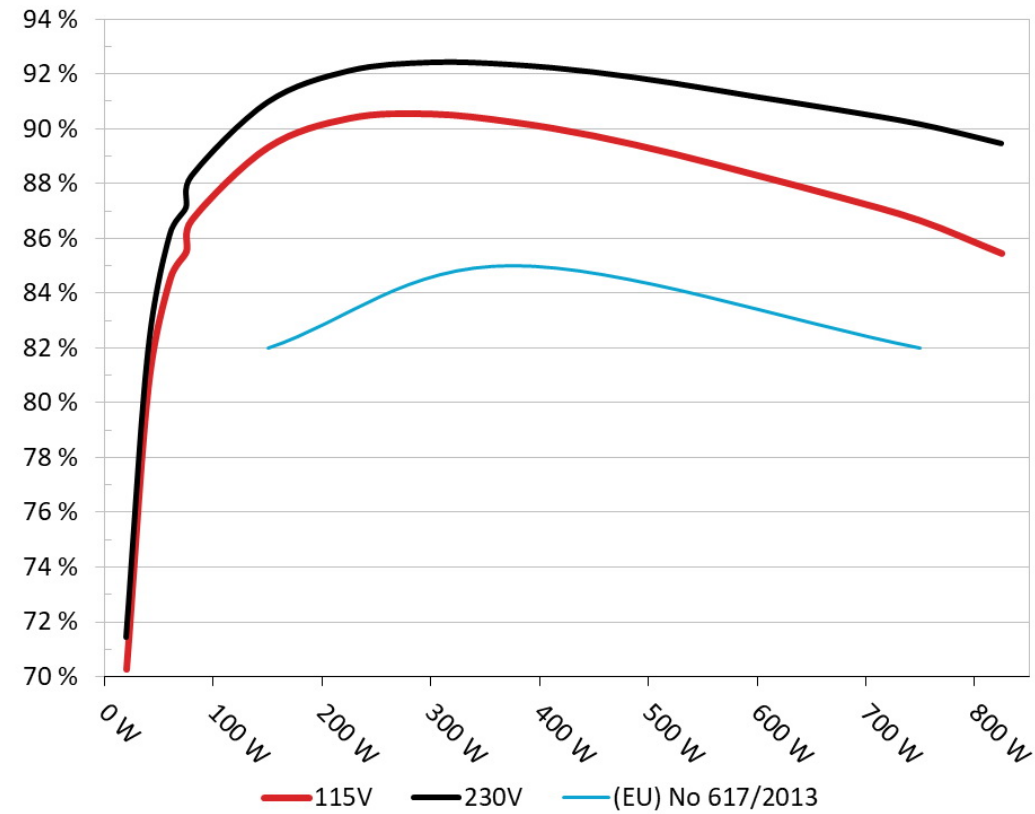
The PSU's noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails

Indicative Performance

Efficiency under high ambient temperature

Efficiency: Gamer Storm PQ750G

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



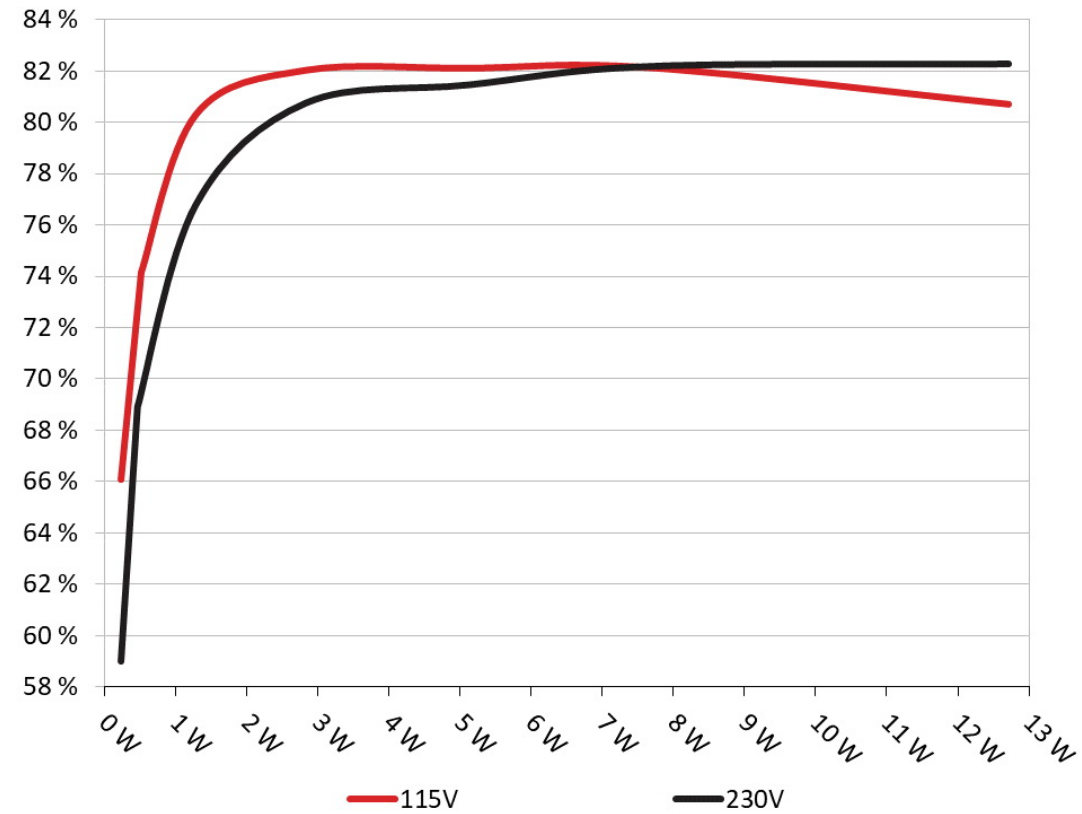
INFO

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: Gamer Storm PQ750G

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	0.232W	66.069%	0.045
	5.157V	0.351W		114.86V
2	0.09A	0.464W	74.146%	0.08
	5.156V	0.626W		114.85V
3	0.55A	2.828W	82.028%	0.323
	5.142V	3.448W		114.85V
4	1A	5.129W	82.106%	0.428
	5.13V	6.247W		114.85V
5	1.5A	7.673W	82.125%	0.475
	5.116V	9.343W		114.85V
6	2.5A	12.715W	80.704%	0.531
	5.086V	15.755W		114.85V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	0.045A	0.232W	58.988%	0.015
	5.157V	0.394W		229.84V
2	0.09A	0.464W	68.336%	0.026
	5.156V	0.679W		229.84V
3	0.55A	2.828W	80.727%	0.127
	5.143V	3.503W		229.84V
4	1A	5.13W	81.44%	0.208
	5.13V	6.299W		229.84V
5	1.5A	7.673W	82.159%	0.276
	5.115V	9.339W		229.84V
6	2.5A	12.717W	82.254%	0.348
	5.087V	15.46W		229.83V

Protection Features

Protection Features	
OCP (Cold @ 28°C)	12V: 83.6A (134.84%), 12.062V 5V: 29A (145%), 5.051V 3.3V: 28.8A (144%), 3.26V 5VSB: 4.1A (164%), 5.025V
OCP (Hot @ 44°C)	12V: 82A (132.26%), 12.091V 5V: 28.9A (144.5%), 5.048V 3.3V: 29.3A (146.5%), 3.254V 5VSB: 4A (160%), 5.035V
OPP (Cold @ 28°C)	1012.71W (135.03%)
OPP (Hot @ 42°C)	964.1W (128.55%)
OTP	✓ (163°C @ +12V Heat Sink)
SCP	12V to Earth: ✓ 5V to Earth: ✓ 3.3V to Earth: ✓ 5VSB to Earth: ✓ -12V to Earth: ✓
PWR_OK	Proper operation
NLO	✓
Fan Failure Protection	✗
SIP	Surge: MOV Inrush: NTC Thermistor & 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%	4.382A	1.963A	1.97A	0.977A	75.003	85.511%	1011	26.2	40.35°C	0.98
	12.189V	5.095V	3.35V	5.118V	87.711				44.59°C	114.82V
20%	9.773A	2.947A	2.961A	1.176A	149.941	89.31%	1028	26.7	40.72°C	0.977
	12.181V	5.09V	3.344V	5.102V	167.888				45.28°C	114.79V
30%	15.518A	3.44A	3.458A	1.376A	224.946	90.376%	1124	29.6	41.34°C	0.987
	12.172V	5.087V	3.34V	5.087V	248.898				46.43°C	114.77V
40%	21.278A	3.934A	3.957A	1.578A	300.038	90.532%	1200	31.4	41.84°C	0.991
	12.165V	5.084V	3.336V	5.072V	331.414				47.36°C	114.75V
50%	26.654A	4.923A	4.956A	1.781A	374.486	90.236%	1298	34.3	42.26°C	0.993
	12.155V	5.079V	3.33V	5.056V	415.006				48.32°C	114.71V
60%	32.076A	5.913A	5.958A	1.985A	449.401	89.734%	1415	36.2	42.89°C	0.995
	12.146V	5.074V	3.324V	5.039V	500.815				49.45°C	114.7V
70%	37.500A	6.904A	6.963A	2.19A	524.284	89.063%	1576	39.7	43.32°C	0.996
	12.138V	5.07V	3.318V	5.023V	588.666				50.42°C	114.66V
80%	43.002A	7.896A	7.971A	2.296A	599.476	88.293%	1743	42.1	43.88°C	0.996
	12.129V	5.065V	3.312V	5.009V	678.961				52.04°C	114.64V
90%	48.839A	8.396A	8.464A	2.402A	674.483	87.505%	1926	45.8	44.55°C	0.997
	12.121V	5.061V	3.308V	4.996V	770.793				53.59°C	114.61V
100%	54.685A	8.895A	8.989A	2.509A	749.611	86.637%	1930	45.9	45.53°C	0.997
	12.113V	5.058V	3.304V	4.982V	865.232				55.55°C	114.57V
110%	60.209A	9.893A	10.098A	2.515A	824.642	85.44%	1933	46.0	46.81°C	0.998
	12.105V	5.054V	3.298V	4.97V	965.173				57.7°C	114.55V
CL1	0.114A	11.88A	11.997A	0A	101.29	82.728%	1190	31.3	41.39°C	0.972
	12.180V	5.067V	3.309V	5.127V	122.438				48.82°C	114.8V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
CL2	0.113A	19.745A	0A	0A	101.333	81.847%	1122	29.5	40.85°C	0.972
	12.183V	5.062V	3.346V	5.132V	123.809				46.62°C	114.8V
CL3	0.113A	0A	20.057A	0A	67.38	75.452%	1075	28.2	40.41°C	0.979
	12.182V	5.087V	3.291V	5.132V	89.301				45.53°C	114.82V
CL4	61.813A	0A	0A	0A	749.516	87.53%	1937	46.1	45.73°C	0.997
	12.125V	5.084V	3.342V	5.072V	856.305				56.96°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
10%	4.380A	1.963A	1.97A	0.977A	74.995	87.118%	981	25.1	40.23°C	0.845
	12.190V	5.094V	3.349V	5.118V	86.085				44.48°C	229.83V
20%	9.771A	2.947A	2.961A	1.176A	149.92	90.96%	1029	26.7	40.66°C	0.93
	12.181V	5.09V	3.344V	5.102V	164.819				45.25°C	229.82V
30%	15.515A	3.44A	3.458A	1.376A	224.926	92.108%	1109	29.2	41.31°C	0.953
	12.173V	5.087V	3.34V	5.087V	244.2				46.4°C	229.81V
40%	21.276A	3.935A	3.957A	1.577A	300.02	92.415%	1184	31.2	41.67°C	0.964
	12.165V	5.083V	3.336V	5.072V	324.642				47.22°C	229.8V
50%	26.646A	4.923A	4.955A	1.78A	374.412	92.334%	1294	34.3	42.24°C	0.972
	12.155V	5.079V	3.33V	5.056V	405.501				48.28°C	229.79V
60%	32.067A	5.912A	5.957A	1.984A	449.334	92.062%	1433	36.8	42.81°C	0.976
	12.147V	5.074V	3.324V	5.04V	488.079				49.33°C	229.76V
70%	37.496A	6.904A	6.963A	2.19A	524.246	91.651%	1585	39.8	43.25°C	0.978
	12.138V	5.07V	3.318V	5.023V	572.005				50.34°C	229.76V
80%	43.000A	7.897A	7.972A	2.296A	599.457	91.16%	1763	42.8	43.71°C	0.981
	12.129V	5.065V	3.311V	5.01V	657.587				51.76°C	229.75V
90%	48.839A	8.397A	8.466A	2.402A	674.475	90.686%	1929	45.9	44.83°C	0.983
	12.121V	5.061V	3.307V	4.997V	743.749				53.85°C	229.73V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
100%	54.686A	8.896A	8.99A	2.509A	749.611	90.164%	1932	46.0	45.71°C	0.986
	12.113V	5.058V	3.303V	4.983V	831.384				55.72°C	229.72V
110%	60.211A	9.894A	10.099A	2.515A	824.644	89.46%	1935	46.0	46.84°C	0.987
	12.105V	5.054V	3.297V	4.971V	921.802				57.76°C	229.71V
CL1	0.114A	11.881A	11.998A	0A	101.291	84.247%	1183	31.2	41.23°C	0.899
	12.181V	5.067V	3.309V	5.127V	120.231				47.35°C	229.83V
CL2	0.113A	19.745A	0A	0A	101.336	83.369%	1115	29.4	40.72°C	0.899
	12.183V	5.062V	3.346V	5.132V	121.553				45.37°C	229.83V
CL3	0.113A	0A	20.059A	0A	67.38	76.793%	1096	28.8	41.13°C	0.85
	12.182V	5.088V	3.29V	5.132V	87.742				45.4°C	229.83V
CL4	61.818A	0A	0A	0A	749.505	91.014%	1937	46.1	45.45°C	0.985
	12.124V	5.083V	3.341V	5.073V	823.513				53.22°C	229.72V

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	1.218A	0.49A	0.492A	0.194A	19.997	70.253%	842	20.4	36.54°C	0.88
	12.193V	5.098V	3.356V	5.149V	28.464				39.68°C	114.83V
40W	2.682A	0.687A	0.688A	0.292A	39.999	80.558%	888	21.8	37.38°C	0.947
	12.191V	5.098V	3.355V	5.144V	49.65				40.72°C	114.83V
60W	4.146A	0.883A	0.885A	0.389A	59.999	84.5%	929	23.3	38.53°C	0.966
	12.190V	5.097V	3.354V	5.138V	71.006				42.32°C	114.82V
80W	5.604A	1.079A	1.083A	0.487A	79.943	86.66%	966	24.5	39.26°C	0.978
	12.189V	5.096V	3.353V	5.133V	92.25				43.29°C	114.81V

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
20W	1.218A	0.49A	0.492A	0.194A	19.991	71.456%	861	21	36.56°C	0.529
	12.193V	5.098V	3.356V	5.149V	27.976				39.64°C	229.84V
40W	2.680A	0.687A	0.689A	0.292A	39.992	81.849%	886	21.8	37.35°C	0.705
	12.192V	5.097V	3.355V	5.144V	48.861				40.67°C	229.83V
60W	4.144A	0.883A	0.885A	0.389A	59.992	86.122%	914	22.6	37.88°C	0.799
	12.191V	5.097V	3.353V	5.139V	69.658				41.52°C	229.83V
80W	5.603A	1.079A	1.083A	0.487A	79.925	88.264%	946	23.7	39.27°C	0.855
	12.189V	5.096V	3.352V	5.133V	90.554				43.08°C	229.82V

The results above are not used in the certification process

Ripple Measurements**115V**

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	16.98mV	11.91mV	13.44mV	7.59mV	Pass
20% Load	16.68mV	12.88mV	13.13mV	7.29mV	Pass
30% Load	16.93mV	13.81mV	14.00mV	8.01mV	Pass
40% Load	18.00mV	14.11mV	16.73mV	8.83mV	Pass
50% Load	18.46mV	15.29mV	16.11mV	9.60mV	Pass
60% Load	19.08mV	15.19mV	17.91mV	9.70mV	Pass
70% Load	20.51mV	15.45mV	17.96mV	10.67mV	Pass
80% Load	19.59mV	16.22mV	22.01mV	11.34mV	Pass
90% Load	20.56mV	17.81mV	20.83mV	12.57mV	Pass
100% Load	31.39mV	20.05mV	22.92mV	13.73mV	Pass
110% Load	31.35mV	20.16mV	22.94mV	14.70mV	Pass
Crossload1	24.02mV	14.70mV	16.72mV	8.24mV	Pass
Crossload2	18.92mV	18.06mV	16.37mV	8.00mV	Pass

Test	12V	5V	3.3V	5VSB	Pass/Fail
Crossload3	17.69mV	14.98mV	15.75mV	7.29mV	Pass
Crossload4	29.25mV	17.69mV	20.97mV	12.57mV	Pass

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	16.98mV	13.14mV	12.62mV	7.49mV	Pass
20% Load	17.85mV	14.47mV	14.67mV	8.73mV	Pass
30% Load	18.11mV	13.50mV	14.83mV	8.72mV	Pass
40% Load	17.65mV	13.65mV	15.70mV	9.29mV	Pass
50% Load	19.23mV	16.32mV	16.11mV	9.54mV	Pass
60% Load	18.52mV	15.86mV	18.42mV	9.60mV	Pass
70% Load	19.28mV	16.78mV	18.47mV	10.67mV	Pass
80% Load	19.23mV	17.60mV	19.29mV	11.13mV	Pass
90% Load	19.18mV	18.43mV	21.86mV	11.54mV	Pass
100% Load	30.57mV	19.44mV	23.28mV	13.36mV	Pass
110% Load	31.77mV	19.54mV	23.43mV	14.31mV	Pass
Crossload1	25.28mV	14.73mV	16.58mV	8.74mV	Pass
Crossload2	19.84mV	17.45mV	17.19mV	8.67mV	Pass
Crossload3	18.36mV	16.78mV	16.32mV	7.85mV	Pass
Crossload4	30.11mV	18.32mV	20.66mV	12.19mV	Pass

The results above are not used in the certification process

Gamer Storm PQ750G



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

PQ750G

黄金统治者



开关电源供应器

型号	PQ750G-FD				
交流输入	100-240Vac 10A Max 50-60Hz				
直流输出	+3.3V	+5V	+12V	-12V	+5VSB
最大输出电流	20A	20A	62A	0.3A	2.5A
最大组合功率	100W		744W	3.6W	12.5W
总功率	750W				

内有高压，请勿开启
危险警告



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中国制造

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

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