Seasonic Core GX-750 ATX3

Serial Number -

Lab ID SS75002753

Certification ID 252753

Test Result Report ID: 25PS2753A

Certificate Issue Date: Mar 6, 2025

Scheme: ETA-EMI PSU

115V



230V



Scheme: LAMBDA PSU

115V



230V





Outside Validation Scope



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	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	Seasonic
Model	Core GX-750 ATX3
OEM/ODM	Seasonic
Serial Number	-
Product Specifications	
Manufacturer-Provided Information	
Rated Voltage (Vrms)	100-240
Rated Current (Arms)	5-10

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 Fluid Dynamic Bearing Fan (HA1225H12F-Z)
Semi-Passive Operation	✗
Cybenetics Testing Information	
Lab ID	SS75002753
Date of receipt	Feb 11, 2025
Testing Date	Feb 26, 2025
Report Issued Date	Mar 6, 2025
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 (615mm)	1	1	16-18AWG	No
4+4 pin EPS12V (750mm)	2	2	16AWG	No
2x 6+2 pin PCIe (700mm)	1	2	16-18AWG	No
6+2 pin PCIe (750mm)	1	1	16-18AWG	No
12+4 pin PCIe (700mm) (600W)	1	1	16-28AWG	No
SATA (455mm+155mm+155mm)	2	6	18AWG	No
4-pin Molex (455mm+125mm+125mm)	1	3	18AWG	No

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	20	20	62	3	0.3
	Watts	100		744	15	3.6
Total Max. Power (W)		750				

Parts Description

General Data	
Manufacturer (OEM)	Seasonic
PCB Type	Double-Sided
Primary Side	
Transient Filter	4x Y caps, 2x X caps, 2x CM chokes, 1x MOV
Inrush Protection	1x NTC Thermistor MF72-5D20L (5 Ohm) & Relay
Bridge Rectifier(s)	1x GBU1508S (800V, 15A @ 100°C)
APFC MOSFETs	2x CRMicro CRJS190N65GCF (650V, 13A, @ 100°C, Rds(on): 210mOhm)
APFC Boost Diode	1x Global Power Technology G4S06508DT (650V, 8A, @ 152°C)
Bulk Cap(s)	1x Teapo (400V, 390uF, 2,000h @ 105°C, LG)

Main Switchers	4x Haujing Microelectronics CS13N50AOR (500V, 8.2A, @ 100°C, Rds(on): 0.5Ohm)
APFC Controller	Champion CM6500UNX
Resonant Controller	Champion CU6901VPA
Topology	Primary side: APFC, Full-Bridge & LLC Resonant converter Secondary side: Synchronous Rectification & DC-DC converters
Secondary Side	
+12V MOSFETs	4x 33208B
5V & 3.3V	DC-DC Converters: 6x UBIQ QN3106M6N (30V, 57A @ 100°C, Rds(on): 3.8mOhm) PWM Controller(s): UPI-semiuP3861P
Filtering Capacitors	Electrolytic: 11x Teapo (2-5,000h @ 105°C, SC), Polymer: 21x
Supervisor IC	Weltrend WT7527RA (OVP, UVP, OCP, SCP, PG)
Fan Controller	Nuvoton M031FB0AE
Fan Model	Hong Hua HA1225H12F-Z (120mm, 12V, 0.58A, Fluid Dynamic Bearing Fan)
5VSB Circuit	
Low Side Rectifier	Dongke DK5V45R10S (45V, Rds(on): 10mOhm)
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)	89.208%
Average Noise Output (>1450 Load Combinations)	29.84dBA
Average PF (>1450 Load Combinations)	0.977
Efficiency With 10W (≤500W) or 2% (>500W) Load	70.718%
Standby Power Consumption	0.0749W
Non-Accredited	
12V Ripple (Full Load)	31.17mV
5V Ripple (Full Load)	18.36mV
3.3V Ripple (Full Load)	17.13mV
5VSB Ripple (Full Load)	19.66mV
12V Load Regulation	1.13%
5V Load Regulation	0.38%
3.3V Load Regulation	0.58%
5VSB Load Regulation	3.97%
Inrush Current	33.800A

230V

Accredited	
Average Efficiency (>1450 load combinations)	91.222%
Average Noise Output (>1450 Load Combinations)	29.82dBA
Average PF (>1450 Load Combinations)	0.935
Efficiency With 10W (≤500W) or 2% (>500W) Load	71.308%
Standby Power Consumption	0.1753W
Non-Accredited	
12V Ripple (Full Load)	32.07mV
5V Ripple (Full Load)	18.54mV
3.3V Ripple (Full Load)	18.65mV

5VSB Ripple (Full Load)		19.77mV
12V Load Regulation		1.13%
5V Load Regulation		0.40%
3.3V Load Regulation		0.61%
5VSB Load Regulation		3.97%
Inrush Current		67.200A
12V Transient Response (200%)		11.43V
5V Transient Response (200%)		4.930V
3.3V Transient Response (200%)		3.212V
5VSB Transient Response (200%)		4.922V
Hold-Up Time & PWR_OK Signal		15.90ms
AC Loss to PWR_OK Hold Up Time		11.70ms
PWR_OK Inactive to DC Loss Delay		4.20ms
PSU Timings: T1 (20% / 100%)	69.0ms	69.0ms
PSU Timings: T3 (20% / 100%)	127.0ms	124.0ms
12V OCP (26.6°C / 41.1°C)	68.20A (110.00%), 12.033V	67.20A (108.39%), 12.050V
5V OCP (26.6°C / 41.1°C)	26.9A (134.50%), 4.996V	26.9A (134.50%), 4.995V
3.3V OCP (26.6°C / 41.1°C)	29A (145.00%), 3.27V	28.9A (144.50%), 3.281V
5VSB OCP (26.6°C / 41.1°C)	6.2A (206.67%), 4.779V	6.2A (206.67%), 4.767V
OPP (27.10°C / 42.99°C)	108.91%	108.26%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	15.9
AC Loss to PWR_OK Hold Up Time (ms)	11.7
PWR_OK Inactive to DC Loss Delay (ms)	4.2

Vampire Power

Tables

115V

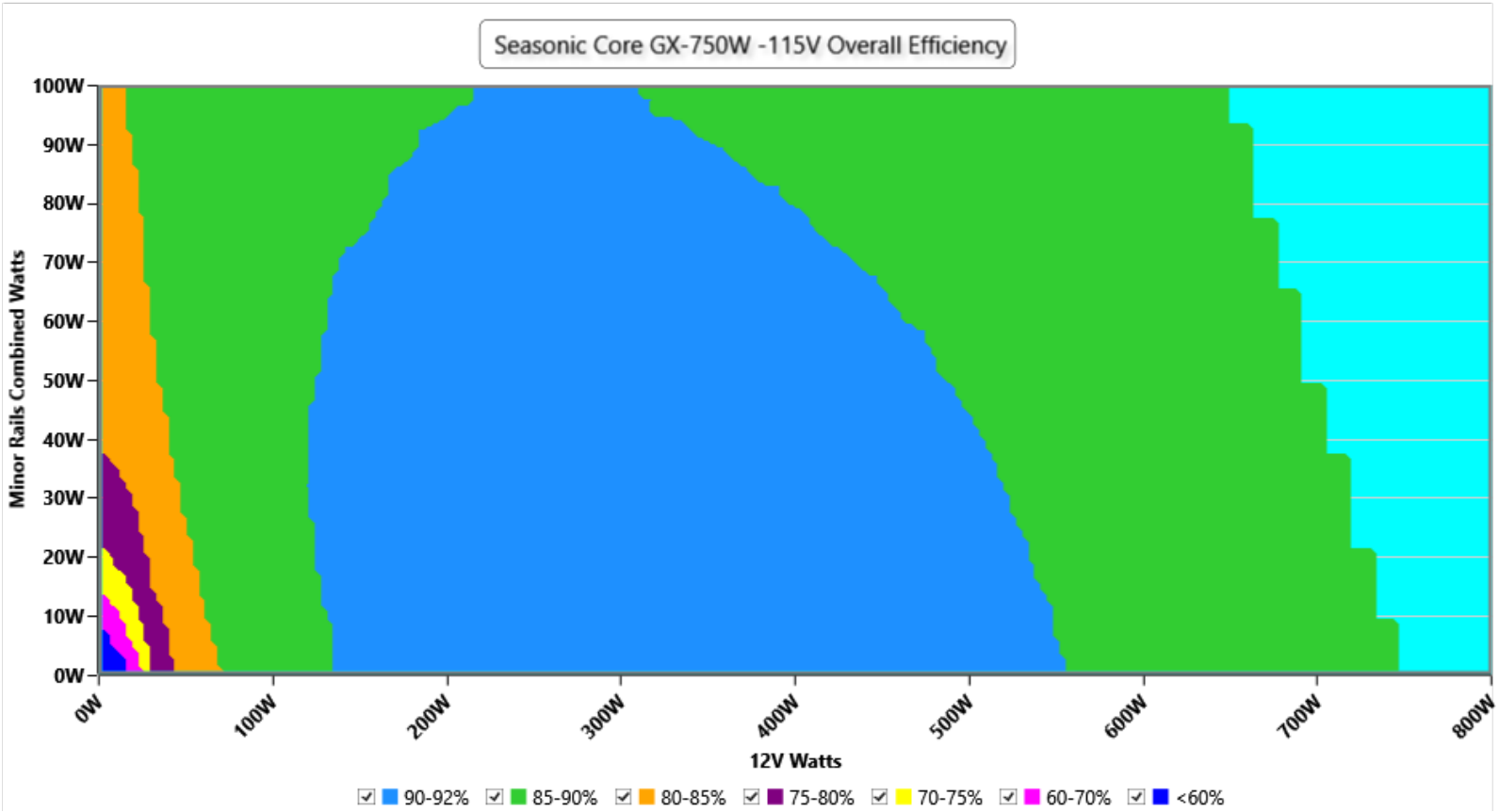
Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.04 V	115.01 V	113.85 V	115.09 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	59.99 Hz	59.40 Hz	60.01 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.416	1.415	1.340	1.418	1.490	PASS
Mains Voltage THD:	0.13 %	0.09 %	N/A	0.19 %	2.00 %	PASS
Real Power:	0.075 W	0.006 W	N/A	0.107 W	N/A	N/A
Apparent Power:	11.707 W	11.119 W	N/A	12.307 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:	231.00 V	230.89 V	227.70 V	231.06 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:	1.417	1.416	1.340	1.418	1.490	PASS
Mains Voltage THD:	0.17 %	0.14 %	N/A	0.27 %	2.00 %	PASS
Real Power:	0.175 W	0.133 W	N/A	0.230 W	N/A	N/A
Apparent Power:	36.482 W	35.855 W	N/A	37.170 W	N/A	N/A
Power Factor:	0.004	N/A	N/A	N/A	N/A	N/A

Efficiency Graph

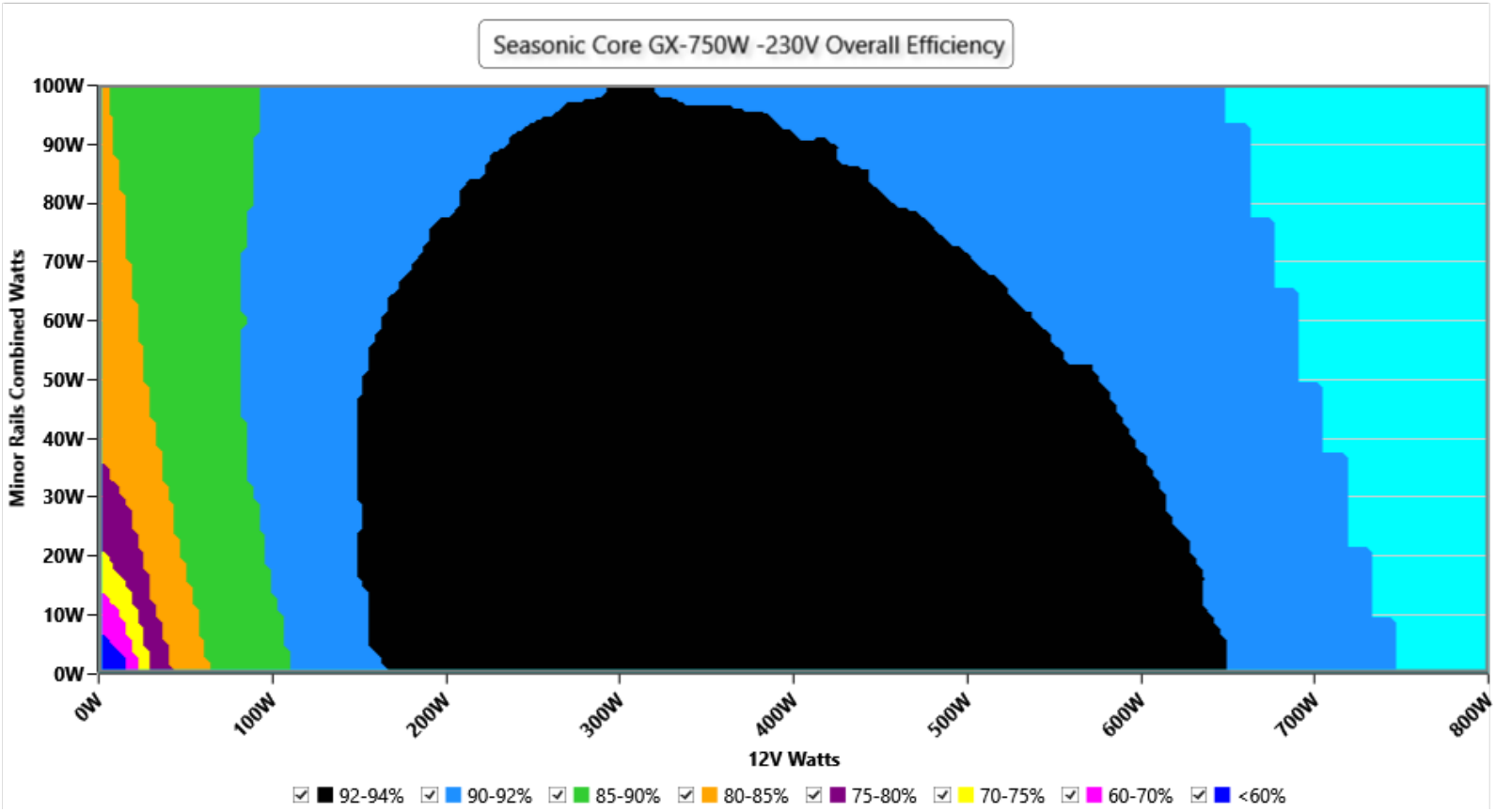
115V



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

230V

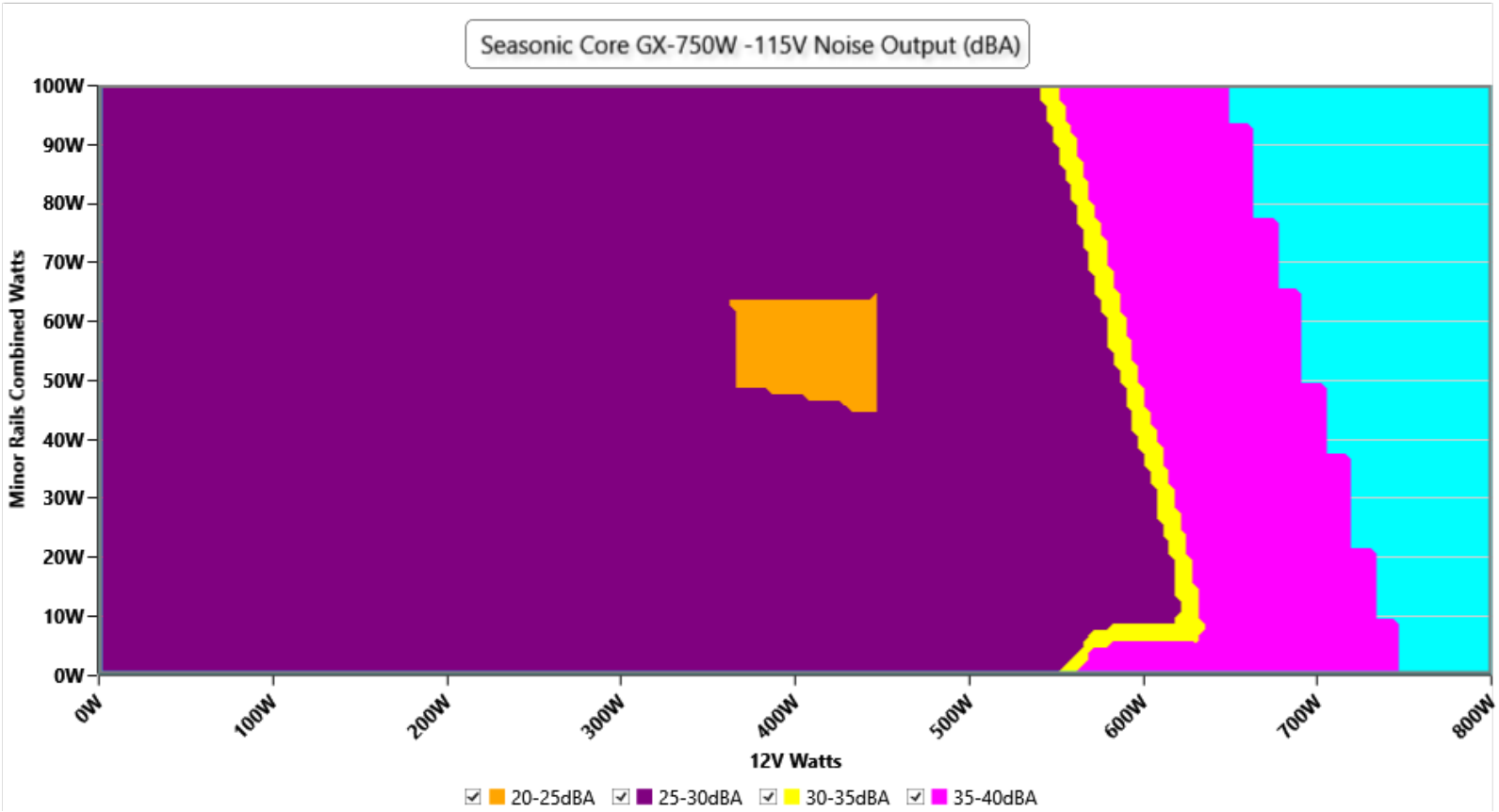


INFO

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

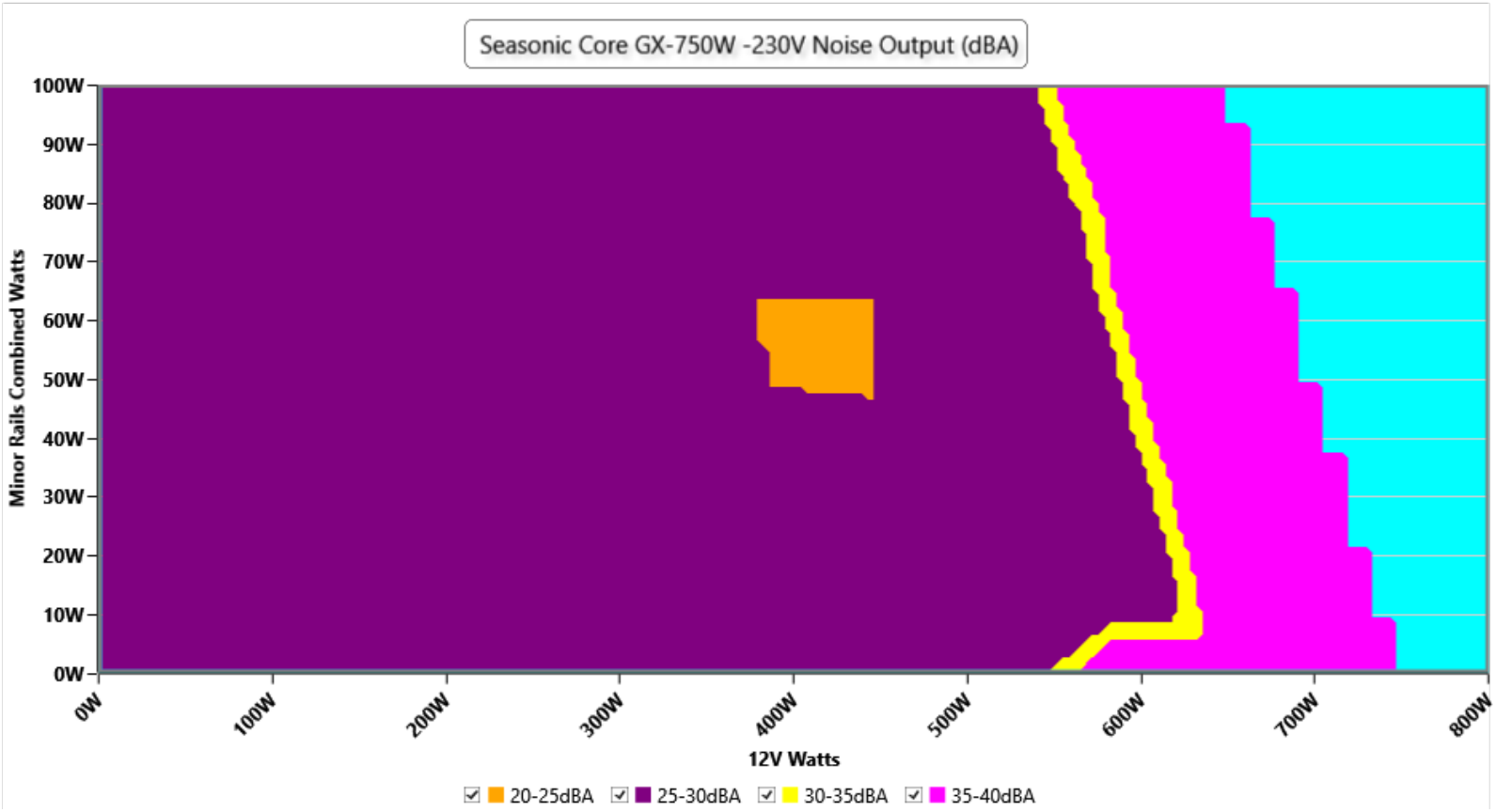
115V



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

Noise under high ambient temperature (indicative)

115V

Load	Normal ambient fan · noise · intake	High ambient fan · noise · intake	Noise change
10%	845 RPM · 26.0 dB(A) · 30.3 °C	864 RPM · 24.9 dB(A) · 40.4 °C	**-1.1 dB(A)**
20%	845 RPM · 26.0 dB(A) · 30.3 °C	862 RPM · 24.7 dB(A) · 40.6 °C	**-1.3 dB(A)**
50%	830 RPM · 24.5 dB(A) · 30.1 °C	843 RPM · 26.0 dB(A) · 42.2 °C	**+1.5 dB(A)**
100%	1498 RPM · 40.0 dB(A) · 30.4 °C	1583 RPM · 42.3 dB(A) · 45.5 °C	**+2.3 dB(A)**

230V

Load	Normal ambient fan · noise · intake	High ambient fan · noise · intake	Noise change
10%	851 RPM · 25.7 dB(A) · 30.2 °C	864 RPM · 24.9 dB(A) · 40.2 °C	**-0.8 dB(A)**
20%	849 RPM · 25.9 dB(A) · 30.2 °C	861 RPM · 24.6 dB(A) · 40.7 °C	**-1.3 dB(A)**
50%	832 RPM · 24.7 dB(A) · 30.6 °C	842 RPM · 25.9 dB(A) · 42.4 °C	**+1.2 dB(A)**
100%	1502 RPM · 40.1 dB(A) · 30.4 °C	1583 RPM · 42.3 dB(A) · 45.2 °C	**+2.2 dB(A)**

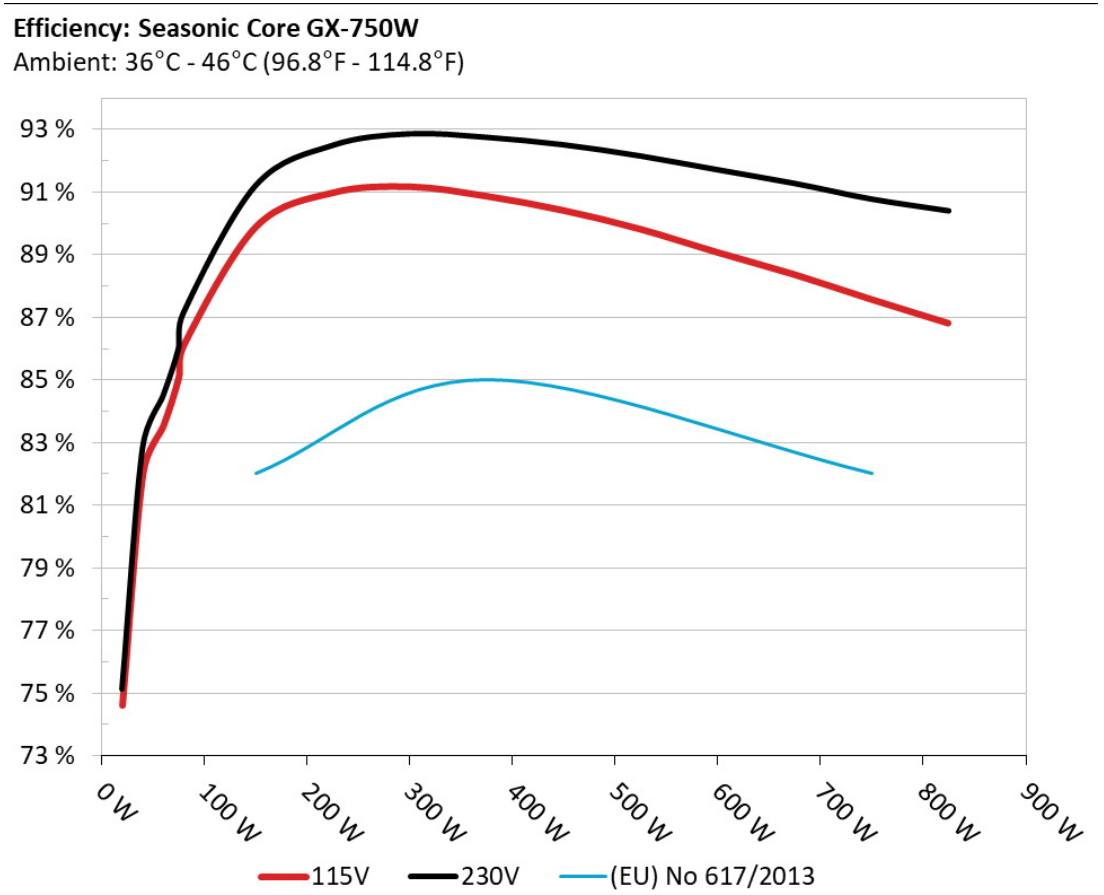
INFO

Fan speed, noise and the measured intake temperature at 10, 20, 50 and 100 % load, from the two load regulation tests: at normal ambient (about 30-32 °C) and at high ambient (about 40-47 °C). These are stabilized readings at fixed loads, not averages over the certification sweep, so they are indicative of how the fan behaves when it is hot. "<6.0" is the floor of our sound meter, with the fan stopped; with the fan stopped, the intake sensor can read higher than the chamber air.

Informational. Not part of the ETA or LAMBDA rating.

Indicative Performance

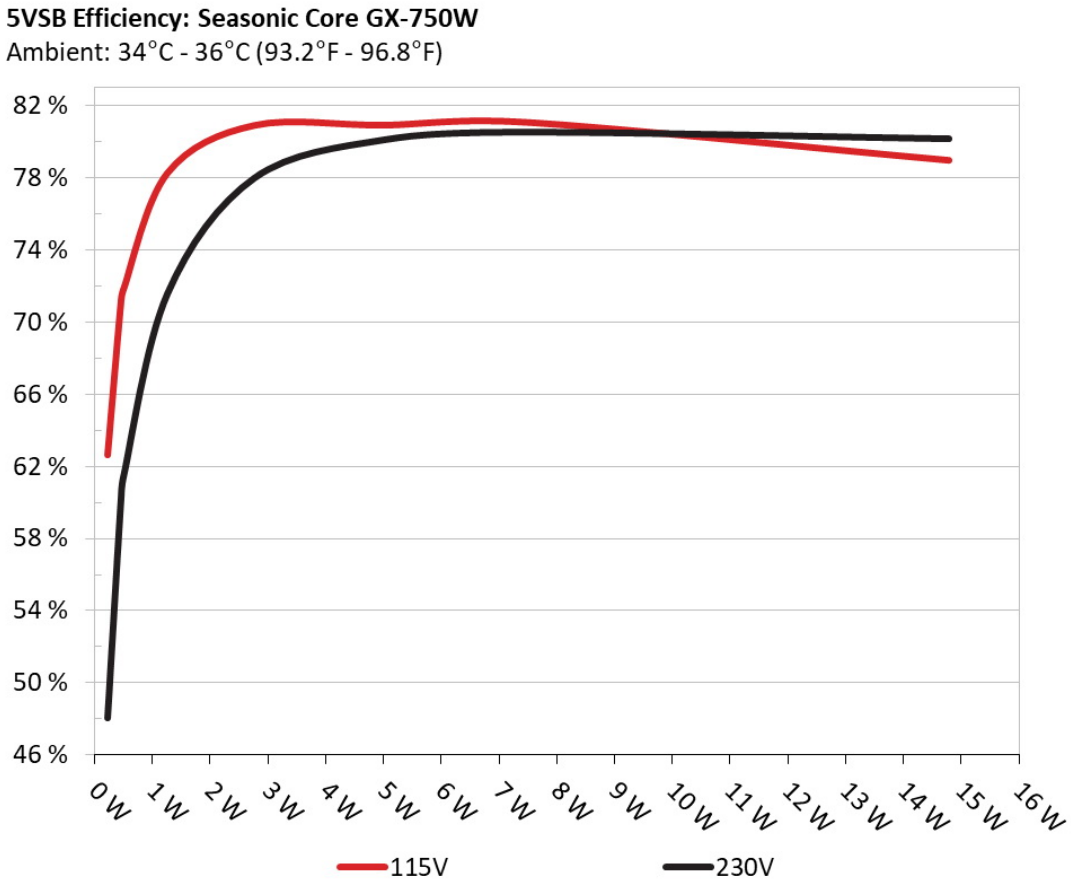
Efficiency under high ambient temperature



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



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**	0.228W	62.638%	0.034
	5.063V	0.364W		114.92V
2	**0.09A**	0.455W	70.998%	0.06
	5.06V	0.642W		114.91V
3	**0.55A**	2.771W	80.889%	0.255
	5.039V	3.425W		114.91V
4	**1A**	5.019W	80.896%	0.358
	5.019V	6.204W		114.92V
5	**1.5A**	7.496W	81.053%	0.408
	4.997V	9.248W		114.91V
6	**3A**	14.786W	78.953%	0.487
	4.929V	18.729W		114.91V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	**0.045A**	0.228W	48.068%	0.013
	5.063V	0.475W		229.9V
2	**0.09A**	0.456W	59.986%	0.021
	5.06V	0.76W		229.9V
3	**0.55A**	2.771W	77.99%	0.095
	5.039V	3.554W		229.89V
4	**1A**	5.019W	80.101%	0.158
	5.019V	6.267W		229.89V
5	**1.5A**	7.495W	80.519%	0.205
	4.996V	9.308W		229.89V
6	**3A**	14.783W	80.153%	0.317
	4.928V	18.444W		229.89V

Protection Features

OCP (Normal @ 26.6°C)	12V: 68.20A (110.00%), 12.033V 5V: 26.9A (134.50%), 4.996V 3.3V: 29A (145.00%), 3.27V 5VSB: 6.2A (206.67%), 4.779V
OCP (Hot @ 41.1°C)	12V: 67.20A (108.39%), 12.050V 5V: 26.9A (134.50%), 4.995V 3.3V: 28.9A (144.50%), 3.281V 5VSB: 6.2A (206.67%), 4.767V
OPP (Normal @ 27.1°C)	816.83W (108.91%)
OPP (Hot @ 43.0°C)	811.96W (108.26%)
OTP	✓ (107°C @ Secondary Side)
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 & 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%	**4.410A**	**1.991A**	**1.996A**	**0.997A**	74.99	85.095%	864	24.9	40.39°C	0.947
	12.107V	5.02V	3.306V	5.012V	88.126				41.46°C	114.88V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
20%	**9.850A**	**2.989A**	**2.996A**	**1.201A**	149.908	89.88%	862	24.7	40.57°C	0.966
	12.083V	5.018V	3.304V	4.997V	166.789				43.66°C	114.86V
30%	**15.637A**	**3.488A**	**3.498A**	**1.405A**	224.907	90.973%	857	24.1	41.36°C	0.974
	12.078V	5.016V	3.302V	4.982V	247.221				46.31°C	114.83V
40%	**21.434A**	**3.988A**	**3.999A**	**1.611A**	299.989	91.167%	850	25.8	41.71°C	0.981
	12.074V	5.014V	3.3V	4.967V	329.054				47.94°C	114.82V
50%	**26.829A**	**4.988A**	**5.002A**	**1.818A**	374.316	90.867%	843	26	42.18°C	0.982
	12.069V	5.012V	3.298V	4.951V	411.939				49.78°C	114.78V
60%	**32.274A**	**5.988A**	**6.007A**	**2A**	449.115	90.415%	835	25.2	42.79°C	0.984
	12.066V	5.01V	3.296V	4.937V	496.727				53.56°C	114.75V
70%	**37.717A**	**6.99A**	**7.014A**	**2.236A**	524.178	89.817%	825	23.9	43.05°C	0.986
	12.065V	5.007V	3.293V	4.918V	583.608				56.96°C	114.73V
80%	**43.228A**	**7.99A**	**8.021A**	**2.344A**	599.369	89.078%	858	24.3	43.57°C	0.988
	12.063V	5.005V	3.291V	4.906V	672.857				59.6°C	114.7V
90%	**49.093A**	**8.491A**	**8.51A**	**2.451A**	674.415	88.37%	1464	40.2	44.56°C	0.989
	12.057V	5.004V	3.29V	4.896V	763.177				56.24°C	114.67V
100%	**54.762A**	**8.993A**	**9.03A**	**3.086A**	749.65	87.576%	1583	42.3	45.48°C	0.991
	12.052V	5.003V	3.289V	4.86V	855.997				57.56°C	114.64V
110%	**60.312A**	**9.989A**	**10.125A**	**3.09A**	824.677	86.816%	2147	49.7	46.09°C	0.991
	12.044V	5.004V	3.289V	4.854V	949.927				55.88°C	114.61V
CL1	**0.114A**	**12.018A**	**12.055A**	**0A**	101.279	84.015%	905	26.6	40.4°C	0.958
	12.114V	5.008V	3.293V	5.047V	120.547				48.93°C	114.87V
CL2	**0.114A**	**19.98A**	**0A**	**0A**	101.339	82.969%	903	26.4	40.05°C	0.957
	12.110V	5.003V	3.299V	5.05V	122.142				47.04°C	114.88V
CL3	**0.114A**	**0A**	**20.068A**	**0A**	67.392	76.962%	905	26.6	40°C	0.947
	12.109V	5.012V	3.289V	5.05V	87.564				45.75°C	114.88V
CL4	**62.210A**	**0A**	**0A**	**0A**	749.496	88.35%	1539	42.9	45.81°C	0.99
	12.048V	5.014V	3.3V	5.014V	848.335				54.11°C	114.65V

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%	**4.410A**	**1.992A**	**1.996A**	**0.998A**	74.997	86.01%	864	24.9	40.19°C	0.787
	12.109V	5.019V	3.305V	5.011V	87.192				42.7°C	229.88V
20%	**9.851A**	**2.989A**	**2.997A**	**1.201A**	149.927	91.216%	861	24.6	40.74°C	0.894
	12.084V	5.018V	3.304V	4.996V	164.366				42.91°C	229.87V
30%	**15.641A**	**3.489A**	**3.498A**	**1.405A**	224.927	92.504%	856	24.2	41.28°C	0.931
	12.076V	5.016V	3.302V	4.982V	243.154				44.76°C	229.85V
40%	**21.438A**	**3.989A**	**3.999A**	**1.611A**	300.016	92.874%	850	25.8	41.95°C	0.948
	12.073V	5.014V	3.3V	4.967V	323.035				46.77°C	229.84V
50%	**26.835A**	**4.988A**	**5.003A**	**1.818A**	374.386	92.763%	842	25.9	42.38°C	0.958
	12.069V	5.012V	3.298V	4.951V	403.591				48.68°C	229.83V
60%	**32.281A**	**5.988A**	**6.008A**	**2A**	449.171	92.526%	834	24.9	42.55°C	0.965
	12.065V	5.01V	3.296V	4.936V	485.454				50.96°C	229.82V
70%	**37.726A**	**6.991A**	**7.015A**	**2.237A**	524.235	92.168%	825	23.9	43.42°C	0.969
	12.064V	5.007V	3.293V	4.918V	568.781				53.15°C	229.81V
80%	**43.239A**	**7.99A**	**8.022A**	**2.344A**	599.438	91.726%	858	24.3	43.98°C	0.973
	12.062V	5.005V	3.291V	4.906V	653.51				55.54°C	229.79V
90%	**49.108A**	**8.491A**	**8.511A**	**2.451A**	674.491	91.289%	1457	39.6	44.36°C	0.975
	12.055V	5.004V	3.29V	4.895V	738.846				53.05°C	229.78V
100%	**54.774A**	**8.994A**	**9.032A**	**3.087A**	749.723	90.787%	1583	42.3	45.23°C	0.977
	12.050V	5.002V	3.288V	4.859V	825.8				54.93°C	229.76V
110%	**60.339A**	**9.993A**	**10.125A**	**3.089A**	824.712	90.412%	2145	49.6	43.7°C	0.979
	12.039V	5.002V	3.289V	4.855V	912.2				51.95°C	229.74V
CL1	**0.114A**	**12.023A**	**12.055A**	**0A**	101.282	85.094%	905	26.6	40.19°C	0.851
	12.113V	5.006V	3.293V	5.047V	119.023				48.1°C	229.87V
CL2	**0.114A**	**19.991A**	**0A**	**0A**	101.338	83.991%	903	26.4	40.73°C	0.853
	12.111V	5V	3.299V	5.05V	120.654				45.58°C	229.87V
CL3	**0.114A**	**0A**	**20.07A**	**0A**	67.393	77.745%	906	26.7	40.48°C	0.787
	12.109V	5.01V	3.289V	5.05V	86.685				45.87°C	229.88V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
CL4	**62.211A**	**0A**	**0A**	**0A**	749.526	91.474%	1540	43	45.14°C	0.977
	12.048V	5.011V	3.3V	5.014V	819.389				51.42°C	229.76V

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	**1.240A**	**0.498A**	**0.499A**	**0.198A**	19.99	74.624%	880	26.6	36.09°C	0.818
	11.973V	5.022V	3.308V	5.053V	26.788				38.75°C	114.91V
40W	**2.728A**	**0.697A**	**0.698A**	**0.297A**	39.988	82.014%	882	26.8	37.63°C	0.907
	11.977V	5.022V	3.307V	5.047V	48.757				39.83°C	114.9V
60W	**4.172A**	**0.896A**	**0.898A**	**0.397A**	59.986	83.541%	863	24.8	38.85°C	0.935
	12.108V	5.022V	3.307V	5.041V	71.805				40.21°C	114.89V
80W	**5.640A**	**1.095A**	**1.097A**	**0.496A**	79.921	86.124%	862	24.7	39.41°C	0.948
	12.107V	5.021V	3.307V	5.035V	92.797				40.17°C	114.89V

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	**1.240A**	**0.498A**	**0.499A**	**0.198A**	19.999	75.122%	880	26.6	35.99°C	0.441
	11.973V	5.022V	3.308V	5.052V	26.621				39.32°C	229.89V
40W	**2.729A**	**0.697A**	**0.699A**	**0.297A**	39.996	82.833%	881	26.7	37.27°C	0.627
	11.977V	5.022V	3.307V	5.046V	48.287				40.13°C	229.88V
60W	**4.173A**	**0.896A**	**0.898A**	**0.397A**	59.994	84.497%	862	24.7	38.01°C	0.738
	12.108V	5.021V	3.307V	5.04V	71.004				40.51°C	229.88V
80W	**5.642A**	**1.095A**	**1.098A**	**0.496A**	79.935	87.163%	861	24.6	39.39°C	0.799
	12.107V	5.021V	3.306V	5.034V	91.707				40.68°C	229.88V

The results above are not used in the certification process

Ripple Measurements

115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	16.32mV	16.71mV	15.30mV	16.52mV	Pass
20% Load	37.48mV	15.84mV	15.19mV	15.55mV	Pass
30% Load	21.93mV	17.47mV	16.63mV	17.80mV	Pass
40% Load	20.11mV	15.63mV	15.14mV	17.49mV	Pass
50% Load	20.92mV	16.30mV	16.06mV	18.06mV	Pass
60% Load	20.16mV	15.94mV	15.50mV	16.42mV	Pass
70% Load	22.46mV	16.45mV	15.40mV	18.67mV	Pass
80% Load	22.31mV	17.78mV	17.29mV	18.11mV	Pass
90% Load	22.36mV	17.47mV	16.73mV	18.31mV	Pass
100% Load	31.17mV	18.36mV	17.13mV	19.66mV	Pass
110% Load	32.55mV	17.97mV	17.41mV	20.30mV	Pass
Crossload1	18.59mV	17.53mV	16.39mV	16.44mV	Pass
Crossload2	17.29mV	19.46mV	15.81mV	16.93mV	Pass
Crossload3	15.81mV	17.68mV	17.80mV	16.11mV	Pass
Crossload4	31.16mV	17.22mV	16.89mV	18.45mV	Pass

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	15.09mV	15.63mV	15.19mV	15.81mV	Pass
20% Load	41.78mV	15.74mV	14.94mV	16.21mV	Pass
30% Load	24.23mV	15.68mV	15.14mV	15.70mV	Pass
40% Load	18.47mV	15.33mV	15.30mV	16.83mV	Pass
50% Load	18.93mV	14.30mV	14.02mV	16.21mV	Pass
60% Load	19.08mV	18.29mV	17.55mV	18.62mV	Pass

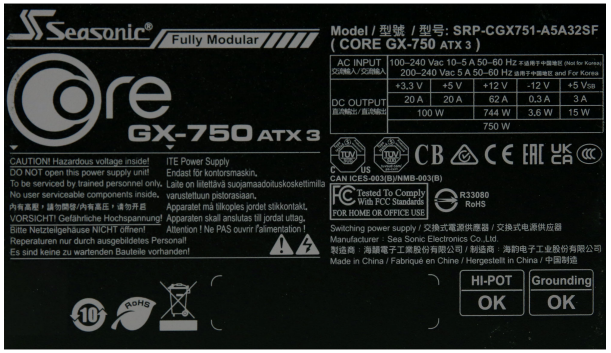
Test	12V	5V	3.3V	5VSB	Pass/Fail
70% Load	19.90mV	16.14mV	14.43mV	17.44mV	Pass
80% Load	21.34mV	16.25mV	16.06mV	17.39mV	Pass
90% Load	21.38mV	17.17mV	16.42mV	20.15mV	Pass
100% Load	32.07mV	18.54mV	18.65mV	19.77mV	Pass
110% Load	32.83mV	18.00mV	16.33mV	19.28mV	Pass
Crossload1	16.86mV	16.75mV	16.01mV	16.22mV	Pass
Crossload2	15.76mV	18.49mV	14.43mV	15.70mV	Pass
Crossload3	15.55mV	17.11mV	18.92mV	16.47mV	Pass
Crossload4	31.02mV	16.51mV	17.31mV	18.93mV	Pass

The results above are not used in the certification process

Seasonic Core GX-750 ATX3



Top side



Power specifications label

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 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

CYBENETICS LTD Syrou 6, Latsia, 2231, Nicosia Cyprus

www.cybenetics.com - info@cybenetics.com