Lian Li RS1200G

Serial Number -

Lab ID LL12002921

Certification ID 252921

Test Result Report ID: 25PS2921A

Certificate Issue Date: Aug 12, 2025

Scheme: ETA-EMI PSU

115V



230V



Scheme: LAMBDA PSU

115V



230V





Outside Validation Scope



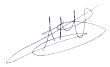
General Information

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	Lian Li
Model	RS1200G
OEM/ODM	Sirfa
Serial Number	-
Product Specifications	
Manufacturer-Provided Information	
Rated Voltage (Vrms)	100-240
Rated Current (Arms)	8-15

Rated Frequency (Hz)	50-60
Rated Power (W)	1200
Operating Temperature (Continuous Full Load) (°C)	
Type	ATX12V
Cable Design	Fully Modular
Warranty	-
Cybenetics Measurements	
Dimensions (W x H x D)	
Weight	
Cooling	135mm Fluid Dynamic Bearing Fan (HA13525H12F-Z)
Semi-Passive Operation	✓
Cybenetics Testing Information	
Lab ID	LL12002921
Date of receipt	Jul 20, 2025
Testing Date	Aug 7, 2025
Report Issued Date	Aug 12, 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**	Cable Type
ATX connector 20+4 pin (625mm)	1	1	16-22AWG	Tinned Copper
4+4 pin ATX12V (700mm)	1	1	18AWG	Tinned Copper
8 pin ATX12V (700mm)	1	1	18AWG	Tinned Copper
6+2 pin PCIe (650mm)	3	3	18AWG	Tinned Copper
6+2 pin PCIe (650mm+100mm)	1	2	18AWG	Tinned Copper
12+4 pin PCIe (700mm) (600W)	1	1	16-24AWG	Tinned Copper
SATA (400mm+150mm+150mm+150mm)	1	4	18AWG	Tinned Copper

SATA (310mm+200mm+100mm+100mm)	1	4	18AWG	Tinned Copper
SATA (300mm+15mm+15mm+15mm)	1	4	18AWG	Tinned Copper
SATA (380mm+150mm)	2	4	18AWG	Tinned Copper
4-pin Molex (500mm+150mm+150mm+150mm)	1	4	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	20	20	100	3	0
	Watts	100		1200	15	0
Total Max. Power (W)		1200				

Parts Description

General Data	
Manufacturer (OEM)	Sirfa
PCB Type	Double-Sided
Primary Side	
Transient Filter	4x Y caps, 2x X caps, 2x CM chokes, 1x MOV
Inrush Protection	NTC Thermistor SCK-057 (5 Ohm @ 25°C) & Relay
Bridge Rectifier	2x Yangzhou GBJ3510A (1,000V, 35A @ 85°C)
APFC MOSFETs	2x Sanrise Tech SRC60R068BS (600V, 21.5A @ 125°C, Rds(on): 68mOhm)
APFC Boost Diode	Macrocore HX1D10065A (650V, 10A @ 150°C)
Bulk Cap(s)	TDK (450V, 790uF, 2000h @ 105°C, EPCOS) TDK (450V, 420uF, 2000h @ 105°C, EPCOS)

Main Switchers	2x Sanrise Tech SRC60R095BS (600V, 16A @ 125°C, Rds(on): 95mOhm)
APFC Controller	Infineon ICE3PCS01G
Resonant Controller	Champion CU6901VAC
Topology	Primary side: APFC, Half-Bridge & LLC Resonant Converter Secondary side: [12V] Synchronous Rectification & [Minor Rails] DC-DC converters
Secondary Side	
+12V MOSFETs	8x SI40N11E
5V & 3.3V	DC-DC Converters: 4x Infineon BSC0906NS (30V, 40A @ 100°C, Rds(on): 4.5mOhm) PWM Controller(s): UPI-Semi uP3861P
Filtering Capacitors	Electrolytic: Rubycon (6-10,000 @ 105°C, ZLH) 8x Teapo (1-3,000 @ 105°C, SC) Teapo (2,000 @ 105°C, SH) Polymer: 36x Teapo
Supervisor IC	Weltrend WT7527RA (OVP, UVP, OCP, PG)
MCU	Geehy 32S030F6P6
Fan Power Transistor	STMicroelectronics 2SD882
Fan Model	Hong Hua HA13525H12F-Z (135mm, 12V, 0.50A, Fluid Dynamic Bearing Fan)
5VSB Circuit	
Rectifier	2x Infineon BSC0906NS (30V, 40A @ 100°C, Rds(on): 4.5mOhm) PFC P10V45SP SR(45V, 10A)
Standby PWM Controller	Si-Trend SI8016HSP8

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)	89.344%
Average Noise Output (>1450 Load Combinations)	24.59dBA
Average PF (>1450 Load Combinations)	0.994
Efficiency With 10W (≤500W) or 2% (>500W) Load	69.104%
Standby Power Consumption	0.0607W
Non-Accredited	
12V Ripple (Full Load)	25.09mV
5V Ripple (Full Load)	11.86mV
3.3V Ripple (Full Load)	14.79mV
5VSB Ripple (Full Load)	7.78mV
12V Load Regulation	1.06%
5V Load Regulation	0.56%
3.3V Load Regulation	0.83%
5VSB Load Regulation	3.23%
Inrush Current	36.140A

230V

Accredited	
Average Efficiency (>1450 load combinations)	91.198%
Average Noise Output (>1450 Load Combinations)	24.85dBA
Average PF (>1450 Load Combinations)	0.968
Efficiency With 10W (≤500W) or 2% (>500W) Load	70.664%
Standby Power Consumption	0.1493W
Non-Accredited	
12V Ripple (Full Load)	25.02mV
5V Ripple (Full Load)	10.94mV
3.3V Ripple (Full Load)	13.20mV

5VSB Ripple (Full Load)		7.75mV
12V Load Regulation		1.11%
5V Load Regulation		0.60%
3.3V Load Regulation		0.83%
5VSB Load Regulation		3.38%
Inrush Current		65.400A
12V Transient Response (200%)		11.22V
5V Transient Response (200%)		4.867V
3.3V Transient Response (200%)		3.148V
5VSB Transient Response (200%)		4.888V
Hold-Up Time & PWR_OK Signal		24.80ms
AC Loss to PWR_OK Hold Up Time		19.60ms
PWR_OK Inactive to DC Loss Delay		5.20ms
PSU Timings: T1 (20% / 100%)	104.0ms	90.0ms
PSU Timings: T3 (20% / 100%)	126.0ms	126.0ms
12V OCP (27.2°C / 44.4°C)	116.60A (116.60%), 11.974V	119.60A (119.60%), 5993.988V
5V OCP (27.2°C / 44.4°C)	24.5A (122.50%), 4.987V	23.9A (119.50%), 4.976V
3.3V OCP (27.2°C / 44.4°C)	23.8A (119.00%), 3.264V	22.7A (113.50%), 3.264V
5VSB OCP (27.2°C / 44.4°C)	4.7A (156.67%), 4.987V	4.7A (156.67%), 4.982V
OPP (27.70°C / 44.32°C)	116.08%	120.04%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	24.8
AC Loss to PWR_OK Hold Up Time (ms)	19.6
PWR_OK Inactive to DC Loss Delay (ms)	5.2

Vampire Power

Tables

115V

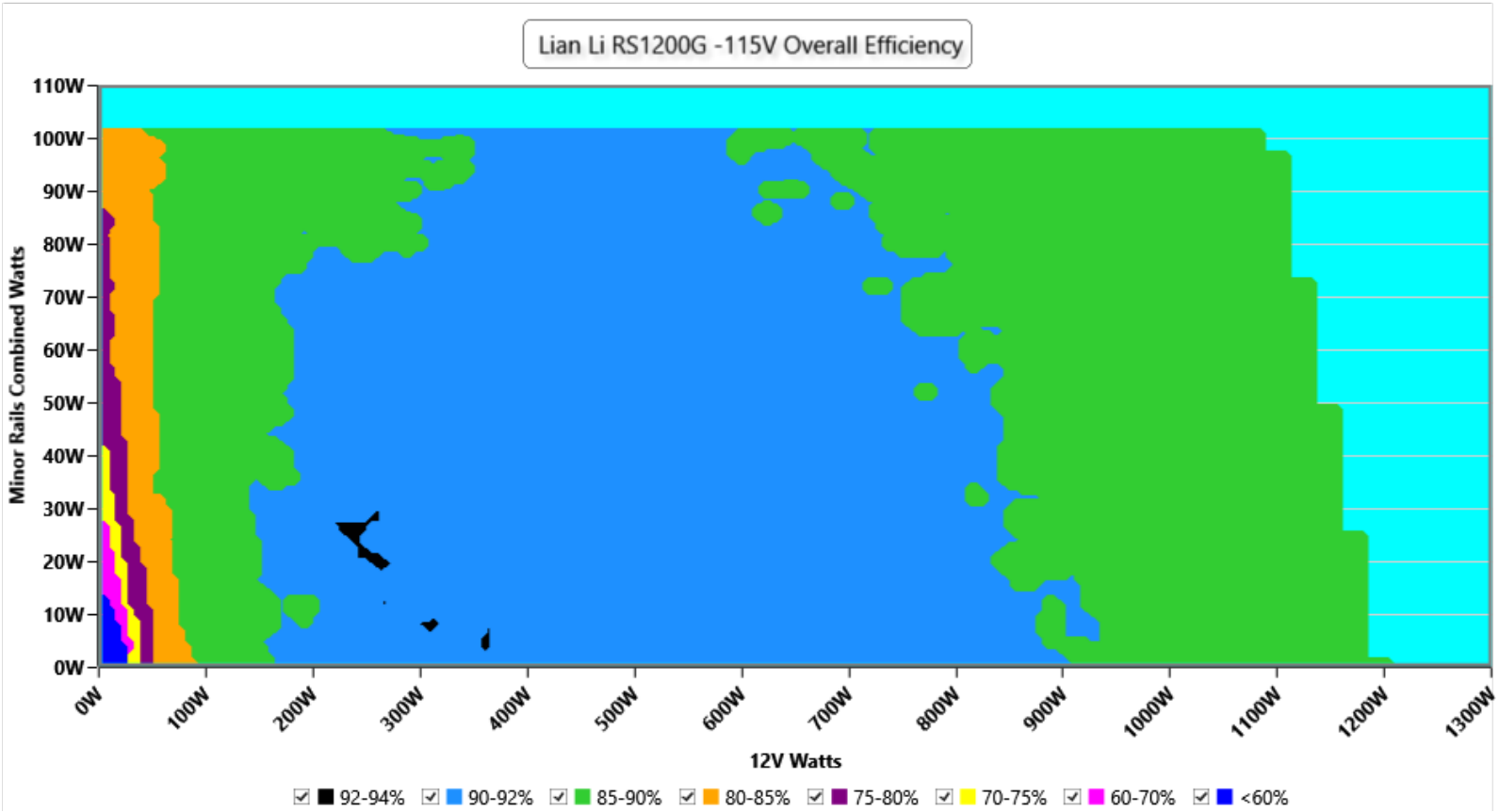
Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.09 V	115.04 V	113.85 V	115.14 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	59.99 Hz	59.40 Hz	60.01 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.416	1.415	1.340	1.418	1.490	PASS
Mains Voltage THD:	0.13 %	0.09 %	N/A	0.18 %	2.00 %	PASS
Real Power:	0.061 W	-0.004 W	N/A	0.109 W	N/A	N/A
Apparent Power:	9.294 W	8.750 W	N/A	9.879 W	N/A	N/A
Power Factor:	0.007	N/A	N/A	N/A	N/A	N/A

230V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	231.05 V	230.94 V	227.70 V	231.11 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	1.419	1.490	PASS
Mains Voltage THD:	0.17 %	0.15 %	N/A	0.25 %	2.00 %	PASS
Real Power:	0.149 W	0.079 W	N/A	0.241 W	N/A	N/A
Apparent Power:	29.701 W	29.046 W	N/A	30.401 W	N/A	N/A
Power Factor:	0.006	N/A	N/A	N/A	N/A	N/A

Efficiency Graph

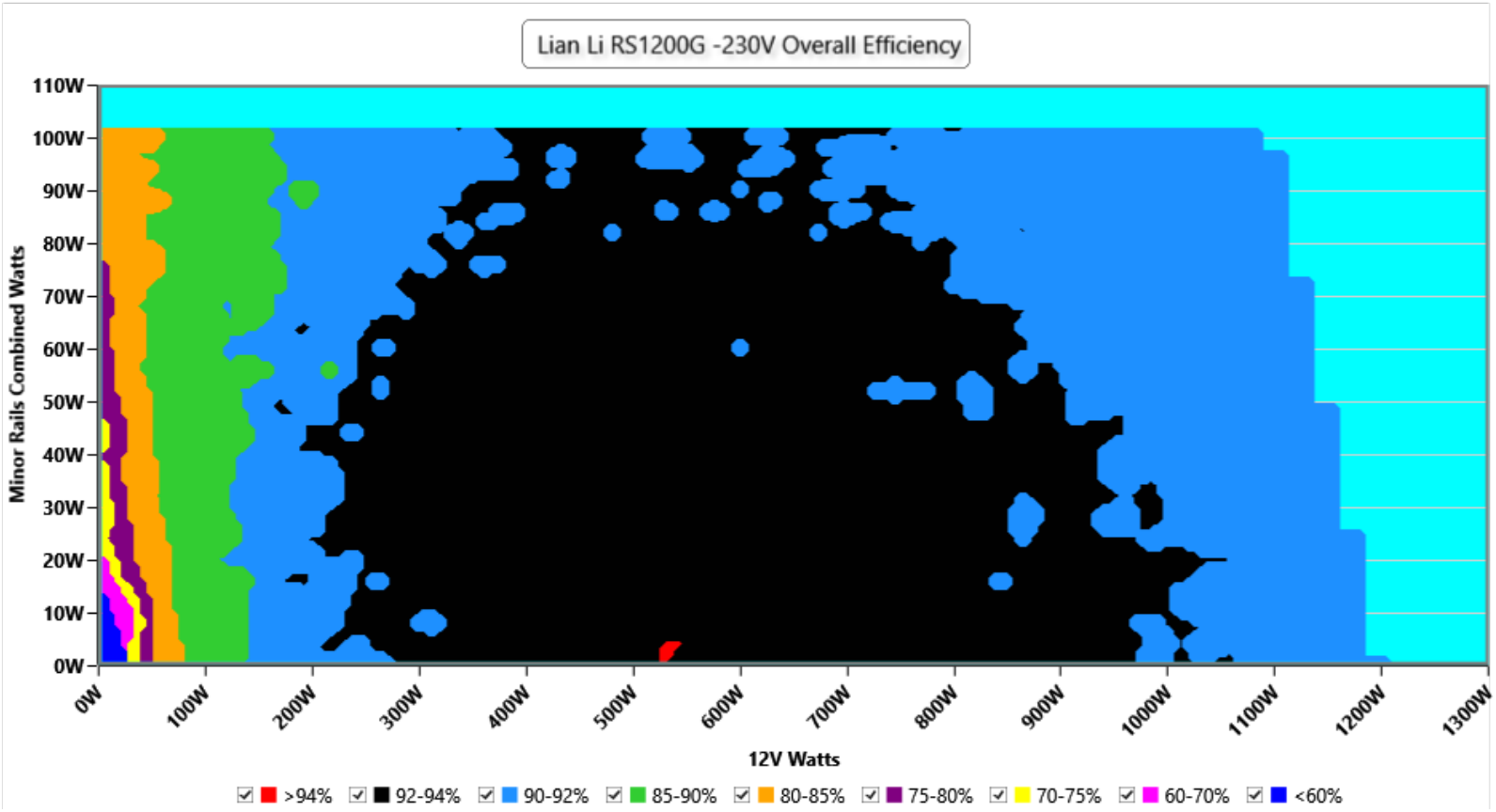
115V



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

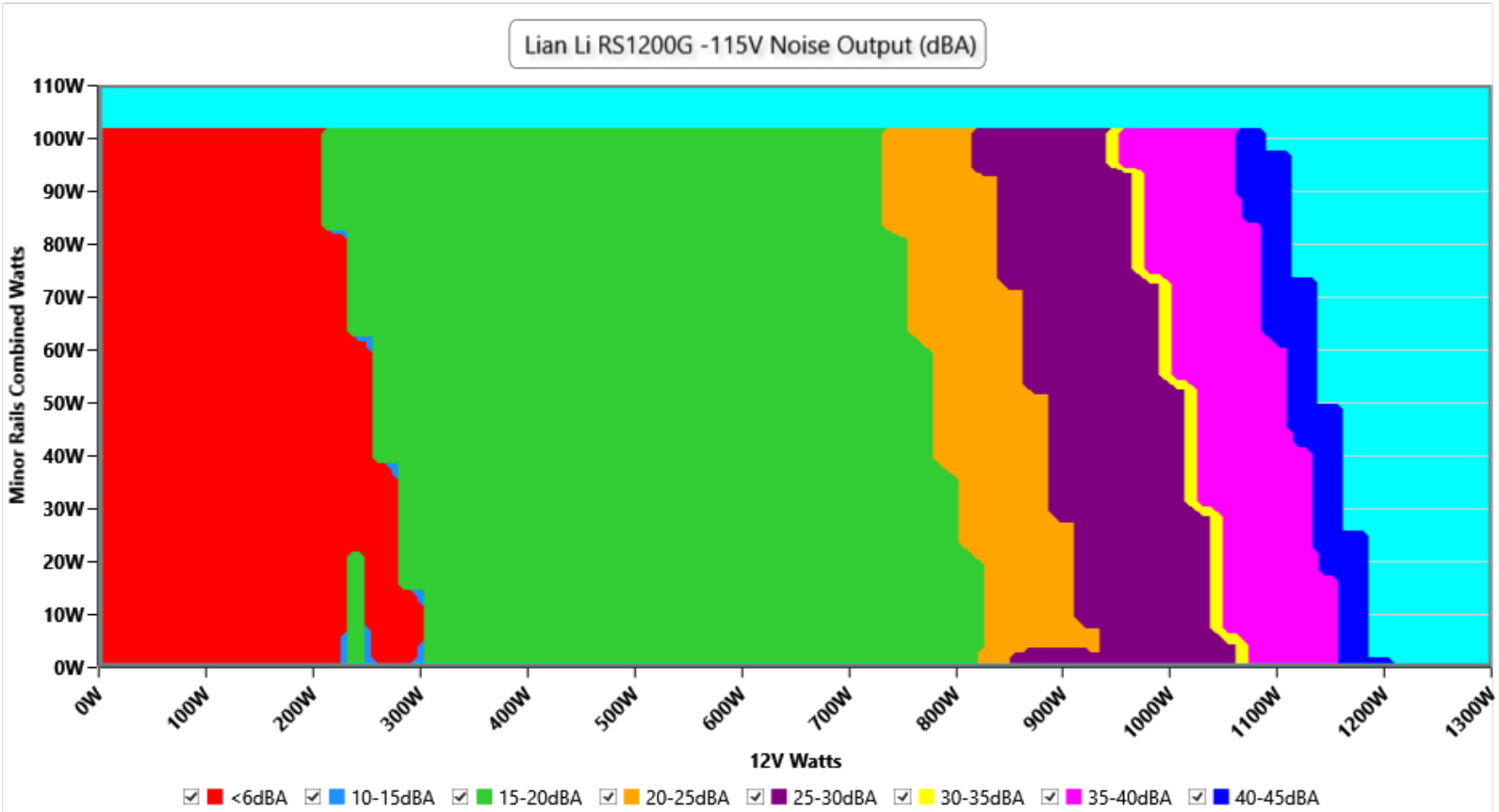


INFO

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

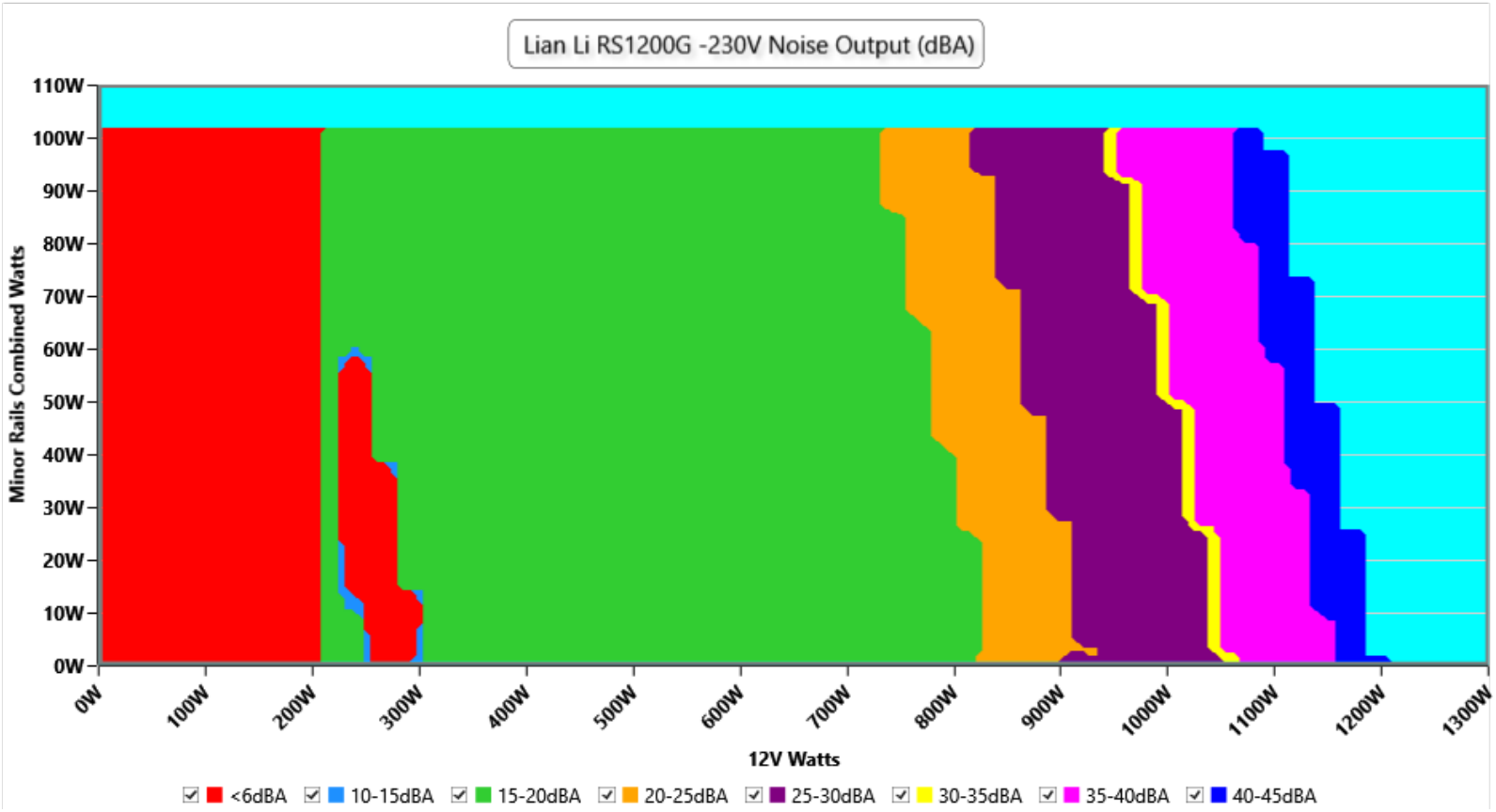
115V



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

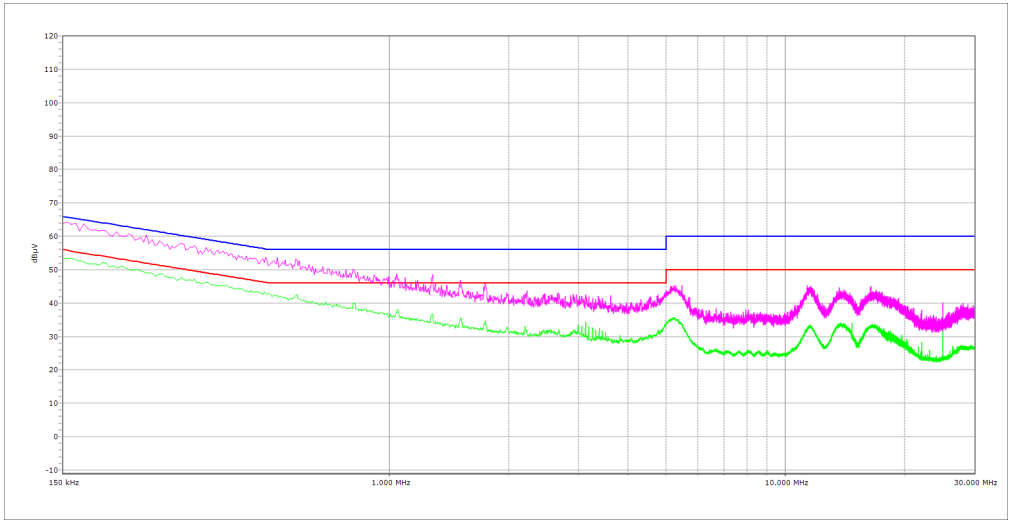
230V



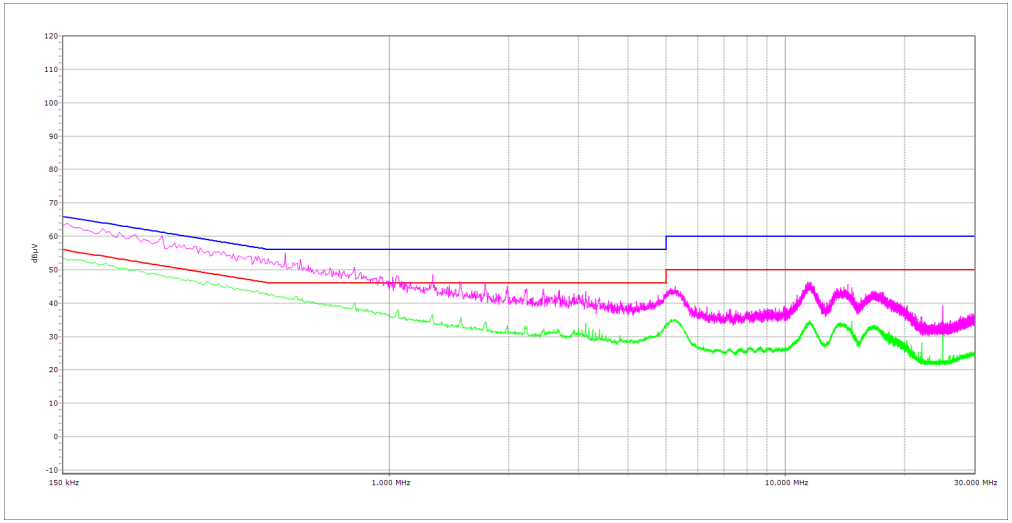
INFO

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

Conducted Emissions EN 55032 & CISPR 32



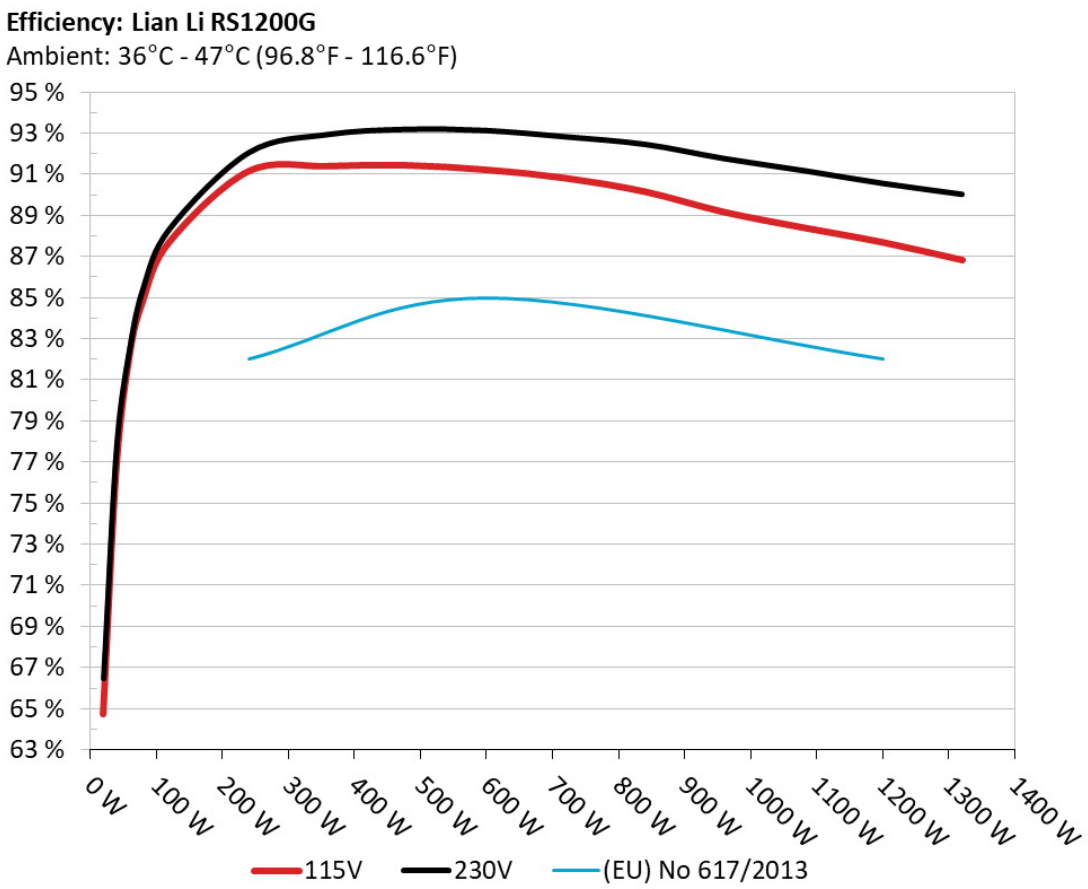
NEUTRAL



PHASE

Indicative Performance

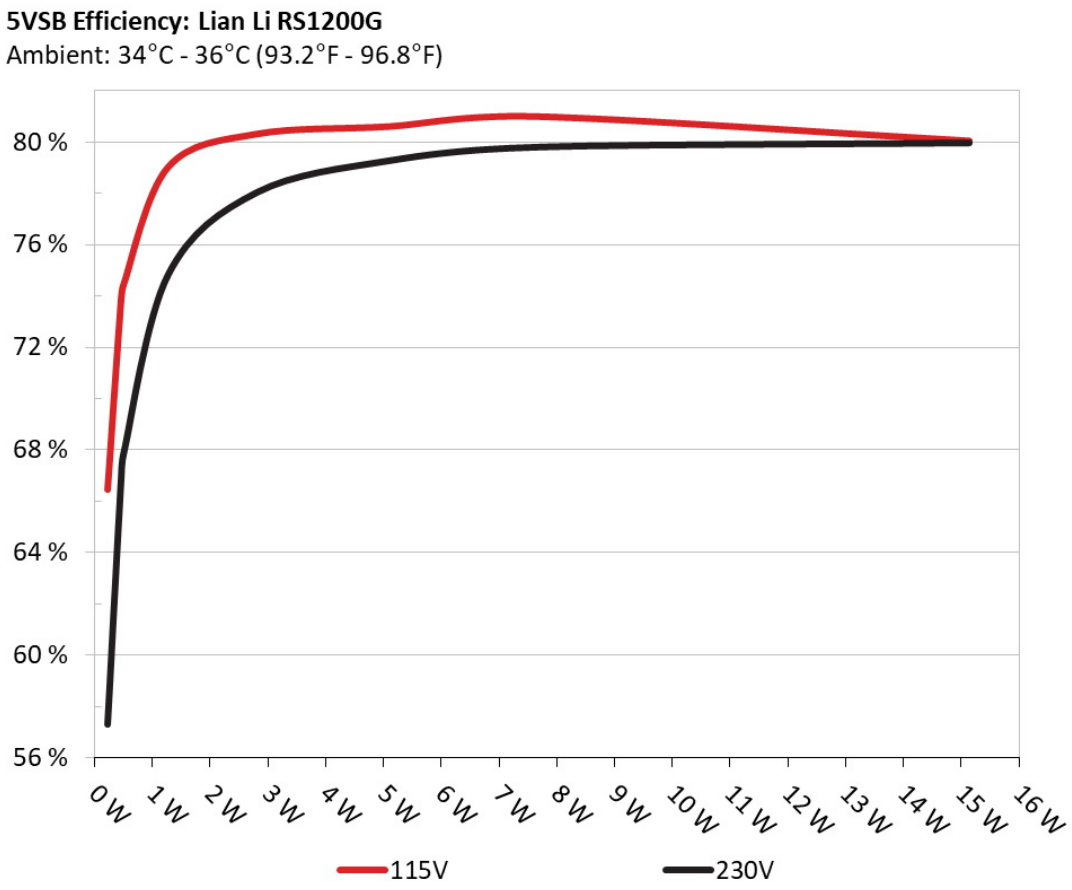
Efficiency under high ambient temperature



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**	0.231W	66.448%	0.042
	5.122V	0.348W		114.95V
2	**0.09A**	0.461W	73.762%	0.073
	5.12V	0.626W		114.95V
3	**0.55A**	2.81W	80.314%	0.285
	5.108V	3.498W		114.95V
4	**1A**	5.098W	80.604%	0.363
	5.096V	6.326W		114.95V
5	**1.5A**	7.627W	80.996%	0.407
	5.083V	9.415W		114.95V
6	**3A**	15.134W	80.047%	0.446
	5.044V	18.908W		114.94V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	**0.045A**	0.231W	57.32%	0.014
	5.121V	0.404W		230.07V
2	**0.09A**	0.461W	66.723%	0.025
	5.119V	0.691W		230.07V
3	**0.55A**	2.81W	78.025%	0.12
	5.107V	3.601W		230.06V
4	**1A**	5.097W	79.26%	0.194
	5.095V	6.431W		230.06V
5	**1.5A**	7.626W	79.788%	0.254
	5.083V	9.556W		230.06V
6	**3A**	15.135W	79.955%	0.347
	5.044V	18.928W		230.06V

Protection Features

OCP (Normal @ 27.2°C)	12V: 116.60A (116.60%), 11.974V 5V: 24.5A (122.50%), 4.987V 3.3V: 23.8A (119.00%), 3.264V 5VSB: 4.7A (156.67%), 4.987V
OCP (Hot @ 44.4°C)	12V: 119.60A (119.60%), 5993.988V 5V: 23.9A (119.50%), 4.976V 3.3V: 22.7A (113.50%), 3.264V 5VSB: 4.7A (156.67%), 4.982V
OPP (Normal @ 27.7°C)	1392.99W (116.08%)
OPP (Hot @ 44.3°C)	1440.52W (120.04%)
OTP	✓ (100°C @ Heat Sink)
SCP	12V to Earth: ✓ 5V to Earth: ✓ 3.3V to Earth: ✓ 5VSB to Earth: ✓
PWR_OK	Proper Operation
UVP (Full Load @ 90V)	✓
UVP (No Damage @ 80V)	✓
Conducted Emissions EN55032 & CISPR 32	✓
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%	**8.148A**	**1.997A**	**2.01A**	**0.983A**	120.022	87.693%	0	<6.0	49.91°C	0.978
	12.079V	5.008V	3.283V	5.087V	136.873				40.35°C	114.94V
20%	**17.325A**	**2.997A**	**3.018A**	**1.183A**	239.99	91.141%	0	<6.0	50.98°C	0.993
	12.068V	5.006V	3.28V	5.074V	263.37				40.77°C	114.91V
30%	**26.836A**	**3.499A**	**3.523A**	**1.384A**	359.425	91.389%	675	16.4	41.11°C	0.996
	12.050V	5.002V	3.279V	5.06V	393.314				47.18°C	114.87V
40%	**36.433A**	**4.001A**	**4.029A**	**1.586A**	479.81	91.43%	676	16.4	41.77°C	0.997
	12.039V	5V	3.276V	5.046V	524.765				48.32°C	114.85V
50%	**45.647A**	**5.005A**	**5.041A**	**1.789A**	599.565	91.214%	675	16.4	42.16°C	0.998
	12.028V	4.997V	3.274V	5.032V	657.32				49.69°C	114.83V
60%	**54.945A**	**6.009A**	**6.055A**	**1.993A**	720.122	90.804%	676	16.4	42.76°C	0.999
	12.018V	4.994V	3.27V	5.018V	793.161				51.88°C	114.79V
70%	**64.191A**	**7.015A**	**7.071A**	**2.199A**	839.869	90.147%	676	16.4	43.4°C	0.999
	12.007V	4.991V	3.267V	5.003V	931.638				54.34°C	114.76V
80%	**73.523A**	**8.021A**	**8.088A**	**2.304A**	959.863	89.154%	883	24.3	43.76°C	0.999
	11.996V	4.988V	3.264V	4.991V	1076.634				55.24°C	114.72V
90%	**83.201A**	**8.527A**	**8.584A**	**2.41A**	1079.681	88.398%	1552	42.9	44.47°C	0.999
	11.985V	4.985V	3.262V	4.981V	1221.367				53.6°C	114.7V
100%	**92.694A**	**9.033A**	**9.112A**	**3.027A**	1199.672	87.684%	2086	48.9	45.59°C	0.999
	11.974V	4.982V	3.259V	4.956V	1368.296				53.31°C	114.64V
110%	**102.143A**	**10.042A**	**10.225A**	**3.033A**	1320.288	86.821%	2095	48.8	46.96°C	0.999
	11.963V	4.979V	3.256V	4.947V	1520.458				55.68°C	114.6V
CL1	**0.116A**	**12.059A**	**12.113A**	**0A**	101.304	80.838%	674	16.4	40.64°C	0.973
	12.057V	4.992V	3.277V	5.107V	125.304				47.74°C	114.93V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
CL2	**0.116A**	**20.065A**	**0A**	**0A**	101.4	78.546%	674	16.4	40.78°C	0.973
	12.064V	4.984V	3.285V	5.11V	129.098				46.35°C	114.93V
CL3	**0.116A**	**0A**	**20.191A**	**0A**	67.395	72.556%	674	16.4	40.03°C	0.955
	12.061V	5.007V	3.268V	5.108V	92.9				45.08°C	114.94V
CL4	**100.106A**	**0A**	**0A**	**0A**	1200.211	88.338%	2095	48.8	45.15°C	0.999
	11.989V	4.995V	3.266V	5.05V	1358.643				52.49°C	114.64V

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%	**8.150A**	**1.997A**	**2.01A**	**0.984A**	120.051	88.336%	0	<6.0	45.4°C	0.895
	12.078V	5.011V	3.284V	5.085V	135.86				40.03°C	229.95V
20%	**17.330A**	**2.997A**	**3.018A**	**1.184A**	240.036	92.043%	0	<6.0	46.6°C	0.957
	12.067V	5.008V	3.282V	5.071V	260.79				40.9°C	229.95V
30%	**26.855A**	**3.499A**	**3.523A**	**1.385A**	359.622	92.926%	674	16.4	41.18°C	0.972
	12.048V	5.004V	3.28V	5.058V	386.981				44.43°C	229.94V
40%	**36.456A**	**4.001A**	**4.029A**	**1.587A**	480.016	93.178%	674	16.4	42.13°C	0.978
	12.037V	5.001V	3.277V	5.044V	515.153				45.51°C	229.92V
50%	**45.671A**	**5.004A**	**5.04A**	**1.79A**	599.778	93.117%	675	16.4	41.98°C	0.982
	12.027V	4.998V	3.275V	5.029V	644.096				46.32°C	229.9V
60%	**54.970A**	**6.008A**	**6.054A**	**1.995A**	720.323	92.812%	675	16.4	42.56°C	0.989
	12.016V	4.996V	3.272V	5.014V	776.046				47.48°C	229.89V
70%	**64.222A**	**7.014A**	**7.07A**	**2.201A**	840.074	92.449%	675	16.4	43.03°C	0.993
	12.005V	4.993V	3.269V	4.999V	908.516				48.72°C	229.87V
80%	**73.555A**	**8.02A**	**8.087A**	**2.307A**	960.07	91.754%	883	24.3	43.52°C	0.996
	11.993V	4.989V	3.265V	4.987V	1046.235				50.42°C	229.85V
90%	**83.239A**	**8.526A**	**8.583A**	**2.413A**	1079.882	91.173%	1553	42.9	44.36°C	0.997
	11.982V	4.986V	3.263V	4.975V	1184.483				49.39°C	229.83V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
100%	**92.749A**	**9.033A**	**9.111A**	**3.032A**	1199.966	90.551%	2093	48.9	45.7°C	0.997
	11.970V	4.983V	3.26V	4.948V	1325.19				49.78°C	229.81V
110%	**102.197A**	**10.048A**	**10.23A**	**3.037A**	1320.542	90.017%	2090	48.8	46.38°C	0.998
	11.959V	4.977V	3.255V	4.94V	1466.971				51.16°C	229.81V
CL1	**0.118A**	**12.062A**	**12.119A**	**0A**	101.33	80.624%	676	16.4	41.63°C	0.843
	12.056V	4.992V	3.276V	5.106V	125.688				46.88°C	230V
CL2	**0.116A**	**20.073A**	**0A**	**0A**	101.404	78.821%	674	16.4	41.4°C	0.843
	12.063V	4.982V	3.285V	5.11V	128.637				45.54°C	230.07V
CL3	**0.116A**	**0A**	**20.192A**	**0A**	67.394	72.847%	673	16.4	40.54°C	0.779
	12.062V	5.007V	3.268V	5.108V	92.462				44.52°C	230.1V
CL4	**100.107A**	**0A**	**0A**	**0A**	1200.169	91.344%	2095	48.8	45.32°C	0.996
	11.989V	4.995V	3.265V	5.05V	1313.863				49.71°C	229.99V

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	**1.228A**	**0.499A**	**0.502A**	**0.195A**	20.006	64.731%	0	<6.0	42.87°C	0.847
	12.102V	5.01V	3.286V	5.116V	30.935				36.31°C	114.96V
40W	**2.705A**	**0.699A**	**0.703A**	**0.294A**	40.004	76.734%	0	<6.0	43.58°C	0.925
	12.086V	5.01V	3.285V	5.112V	52.224				37.77°C	114.95V
60W	**4.182A**	**0.899A**	**0.904A**	**0.392A**	60.003	82.201%	0	<6.0	46.96°C	0.951
	12.084V	5.01V	3.285V	5.108V	73				38.04°C	114.95V
80W	**5.656A**	**1.098A**	**1.105A**	**0.49A**	79.968	84.826%	0	<6.0	47.89°C	0.964
	12.083V	5.01V	3.284V	5.104V	94.256				39.42°C	114.95V

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	**1.228A**	**0.499A**	**0.502A**	**0.196A**	20.014	66.447%	0	<6.0	44.43°C	0.474
	12.103V	5.013V	3.287V	5.115V	30.247				36.24°C	229.97V
40W	**2.706A**	**0.698A**	**0.703A**	**0.294A**	40.012	77.808%	0	<6.0	44.61°C	0.648
	12.086V	5.013V	3.287V	5.111V	51.534				37.5°C	229.97V
60W	**4.182A**	**0.898A**	**0.904A**	**0.392A**	60.012	82.547%	0	<6.0	44.25°C	0.75
	12.084V	5.012V	3.286V	5.107V	72.728				38.79°C	229.97V
80W	**5.658A**	**1.098A**	**1.105A**	**0.49A**	79.991	85.44%	0	<6.0	44.2°C	0.822
	12.082V	5.012V	3.285V	5.103V	93.622				39.17°C	229.96V

The results above are not used in the certification process

Ripple Measurements

115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	10.47mV	7.14mV	3.86mV	5.45mV	Pass
20% Load	14.18mV	6.68mV	4.48mV	5.04mV	Pass
30% Load	12.33mV	6.94mV	5.39mV	5.61mV	Pass
40% Load	13.23mV	7.30mV	6.77mV	5.91mV	Pass
50% Load	14.09mV	7.75mV	7.07mV	6.16mV	Pass
60% Load	15.11mV	8.11mV	7.78mV	6.06mV	Pass
70% Load	15.92mV	8.72mV	8.44mV	6.21mV	Pass
80% Load	15.62mV	9.64mV	11.90mV	6.52mV	Pass
90% Load	16.74mV	9.79mV	12.61mV	6.67mV	Pass
100% Load	25.09mV	11.86mV	14.79mV	7.78mV	Pass
110% Load	26.24mV	11.74mV	15.47mV	7.97mV	Pass
Crossload1	15.86mV	7.99mV	8.14mV	5.46mV	Pass
Crossload2	12.01mV	7.55mV	3.76mV	5.71mV	Pass

Test	12V	5V	3.3V	5VSB	Pass/Fail
Crossload3	10.12mV	7.04mV	8.85mV	5.40mV	Pass
Crossload4	24.41mV	10.85mV	12.07mV	7.93mV	Pass

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	10.62mV	7.70mV	3.81mV	6.06mV	Pass
20% Load	12.70mV	6.99mV	4.12mV	5.55mV	Pass
30% Load	12.20mV	7.45mV	5.24mV	5.81mV	Pass
40% Load	12.57mV	7.65mV	6.77mV	5.91mV	Pass
50% Load	13.53mV	8.01mV	6.81mV	6.27mV	Pass
60% Load	13.49mV	8.87mV	7.32mV	6.12mV	Pass
70% Load	14.91mV	9.23mV	8.19mV	6.27mV	Pass
80% Load	14.96mV	9.69mV	11.55mV	7.08mV	Pass
90% Load	15.93mV	9.80mV	12.05mV	6.88mV	Pass
100% Load	25.02mV	10.94mV	13.20mV	7.75mV	Pass
110% Load	25.71mV	10.58mV	14.60mV	7.79mV	Pass
Crossload1	16.32mV	8.09mV	8.50mV	5.58mV	Pass
Crossload2	10.03mV	7.50mV	3.81mV	5.35mV	Pass
Crossload3	10.18mV	6.78mV	9.05mV	5.45mV	Pass
Crossload4	24.58mV	10.18mV	10.59mV	6.91mV	Pass

The results above are not used in the certification process

Lian Li RS1200G



Top side



Power specifications label



Fan



PSU Internals

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

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