



Lian Li SP1000P

Serial Number G9PSP1000PB0CC255300002
Lab ID LL10003110
Certification ID 263110
Test Result Report ID: 26PS3110A
Certificate Issue Date: Feb 27, 2026

Scheme: ETA-EMI PSU

115V

230V

115V

230V

Scheme: LAMBDA PSU

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	SP1000P
OEM/ODM	Zhong Yuan Power
Serial Number	G9PSP1000PB0CC255300002
Product Specifications	
Manufacturer-Provided Information	
Rated Voltage (Vrms)	100-240
Rated Current (Arms)	6-12

Rated Frequency (Hz)	50-60
Rated Power (W)	1000
Operating Temperature (Continuous Full Load) (°C)	0 - 40
Type	SFX
Cable Design	Fully Modular
Warranty	10 years
Cybenetics Measurements	
Dimensions (W x H x D)	125 x 63.5 x 100mm
Weight	0.99kg (2.18lbs)
Cooling	92mm Fluid Dynamic Bearing Fan (HA9215VH12FD-F00)
Semi-Passive Operation	✓
Cybenetics Testing Information	
Lab ID	LL10003110
Date of receipt	Jan 5, 2026
Testing Date	Feb 19, 2026
Report Issued Date	Feb 27, 2026
Engineer Name	Georgios Theodoros Sarimpalas
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 (350mm)	1	1	18-22AWG	Tinned Copper
4+4 pin EPS12V (450mm)	2	2	16AWG	Tinned Copper
6+2 pin PCIe (400mm)	1	1	16AWG	Tinned Copper
6+2 pin PCIe (400mm+150mm)	1	2	16-18AWG	Tinned Copper
12+4 pin PCIe (400mm) (600W)	1	1	16-24AWG	Tinned Copper
SATA (300mm+155mm+160mm)	1	3	18AWG	Tinned Copper
SATA (300mm+160mm) / 4-pin Molex (+155mm+150mm)	1	2 / 2	18-20AWG	Tinned Copper

Modular Cables				
AC Power Cord Extension with Switch (360mm) - C13/C14 couplers	1	1	16AWG	-
AC Power Cord (1400mm) - C13 coupler	1	1	18AWG	-

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	83.3	3	0.3
	Watts	100		999.6	15	3.6
Total Max. Power (W)		1000				

Parts Description

General Data	
Manufacturer (OEM)	Zhong Yuan Power
PCB Type	Double-Sided
Primary Side	
Transient Filter	3x X caps, 2x CM chokes, 1x MOV
Inrush Protection	NTC Thermistor HNP 5D20 (5 Ohm @ 25°C) & Relay
Bridge Rectifier	2x Kanghong PBU1506L (600V, 15A @ 25°C)
APFC MOSFETs	Oriental Semiconductor OSG60R017HT4Z (600V, 116A @ 25°C, Rds(on): 17mOhm)
APFC Boost Diode	Global Power Technology G4S06515HT (650V, 23.2A @ 25°C)
Bulk Cap(s)	Rubycon (420V, 390uF @ 3,000h @ 105°C, MXT) Rubycon (420V, 270uF @ 3,000h @ 105°C, MXT)

Main Switchers	2x Sanrise SRC60R068BS (600V, 21.5A @ 125°C, Rds(on): 68mOhm)
APFC Controller	Infineon ICE2PCS01
Resonant Controller	Monolithic Power HR1213
Topology	Primary side: APFC, Half-Bridge & LLC Resonant Converter Secondary side: [12V] Synchronous Rectification & [Minor Rails] DC-DC converters
Secondary Side	
+12V MOSFETs	6x Oriental Semiconductor SFS04R007UGF (40V, 300A @ 25°C, Rds(on): 0.7mOhm)
5V & 3.3V	DC-DC Converters: 4x Alpha & Omega AON6512 (30V, 115A @ 100°C, Rds(on): 1.7mOhm) PWM Controller(s): ANPEC APW7159C
Filtering Capacitors	Electrolytic: 4x Rubycon (4-10,000 @ 105°C, YXJ) Rubycon (6,000 @ 105°C, ZLS) Polymer: 32x Tonshicon (PB)
Supervisor IC	UTC8313F (OVP, UVP, OCP, PG)
Fan Model	Hong Hua HA9215VH12FD-F00 (92mm, 12V, 0.36A, Fluid Dynamic Bearing Fan)
5VSB Circuit	
Rectifier	Dongke DK5V60R10S (60V, 10mOhm)
Standby PWM Controller	Esthome EST.3026M

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)	90.277%
Average Noise Output (>1450 Load Combinations)	35.51dBA
Average PF (>1450 Load Combinations)	0.989
Efficiency With 10W ($\leq 500W$) or 2% (>500W) Load	70.845%
Standby Power Consumption	0.0333W
Non-Accredited	
12V Ripple (Full Load)	28.85mV
5V Ripple (Full Load)	13.72mV
3.3V Ripple (Full Load)	15.11mV
5VSB Ripple (Full Load)	13.45mV
12V Load Regulation	0.87%
5V Load Regulation	0.81%
3.3V Load Regulation	1.21%
5VSB Load Regulation	2.30%
Inrush Current	33.220A

230V

Accredited	
Average Efficiency (>1450 load combinations)	91.979%
Average Noise Output (>1450 Load Combinations)	34.59dBA
Average PF (>1450 Load Combinations)	0.953
Efficiency With 10W ($\leq 500W$) or 2% (>500W) Load	70.483%
Standby Power Consumption	0.0601W
Non-Accredited	
12V Ripple (Full Load)	27.63mV
5V Ripple (Full Load)	14.23mV
3.3V Ripple (Full Load)	14.95mV

5VSB Ripple (Full Load)	12.89mV	
12V Load Regulation	0.86%	
5V Load Regulation	0.81%	
3.3V Load Regulation	1.06%	
5VSB Load Regulation	2.30%	
Inrush Current	66.900A	
12V Transient Response (200%)	11.47V	
5V Transient Response (200%)	4.855V	
3.3V Transient Response (200%)	3.212V	
5VSB Transient Response (200%)	5.003V	
Hold-Up Time & PWR_OK Signal	22.00ms	
AC Loss to PWR_OK Hold Up Time	19.30ms	
PWR_OK Inactive to DC Loss Delay	2.70ms	
PSU Timings: T1 (20% / 100%)	102.0ms	102.0ms
PSU Timings: T3 (20% / 100%)	133.0ms	132.0ms
12V OCP (28.7°C / 43.4°C)	111.00A (133.25%), 11.983V	110.40A (132.53%), 11.975V
5V OCP (28.7°C / 43.4°C)	30A (150.00%), 4.957V	27.4A (137.00%), 4.962V
3.3V OCP (28.7°C / 43.4°C)	25.6A (128.00%), 3.297V	24.4A (122.00%), 3.297V
5VSB OCP (28.7°C / 43.4°C)	4.3A (143.33%), 5.033V	4.3A (143.33%), 5.03V
OPP (28.69°C / 43.08°C)	133.61%	125.67%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	22
AC Loss to PWR_OK Hold Up Time (ms)	19.3
PWR_OK Inactive to DC Loss Delay (ms)	2.7

Vampire Power

Tables

115V

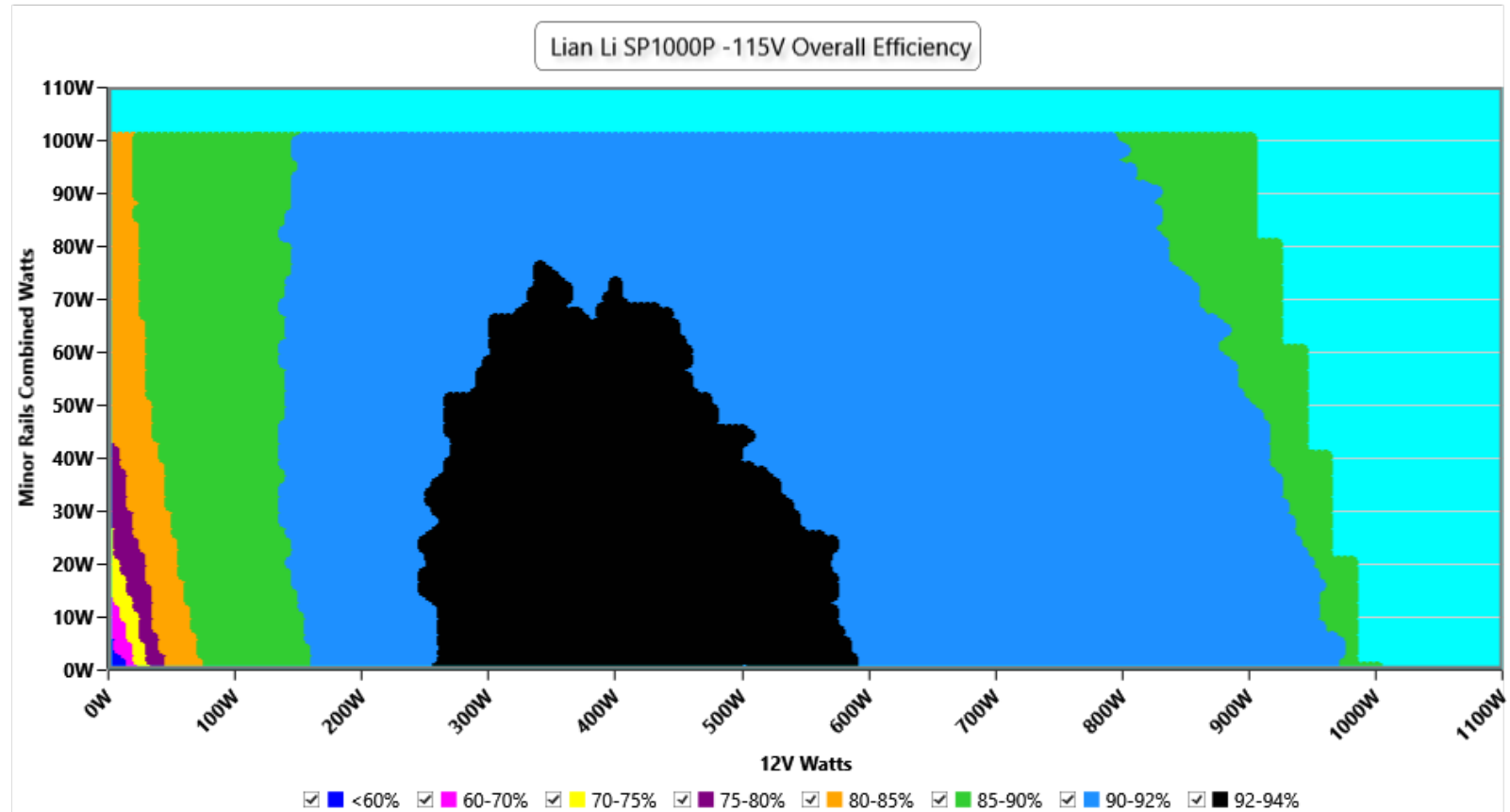
Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.03 V	115.01 V	113.85 V	115.05 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	59.96 Hz	59.40 Hz	60.01 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.416	1.415	1.340	1.416	1.490	PASS
Mains Voltage THD:	0.13 %	0.11 %	N/A	0.15 %	2.00 %	PASS
Real Power:	0.033 W	0.014 W	N/A	0.055 W	N/A	N/A
Apparent Power:	10.612 W	10.594 W	N/A	10.632 W	N/A	N/A
Power Factor:	0.002	N/A	N/A	N/A	N/A	N/A

230V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	230.10 V	230.06 V	227.70 V	230.11 V	232.30 V	PASS
Mains Frequency:	50.00 Hz	50.00 Hz	49.50 Hz	50.00 Hz	50.50 Hz	PASS
Mains Voltage CF:	1.415	1.415	1.340	1.416	1.490	PASS
Mains Voltage THD:	0.14 %	0.13 %	N/A	0.16 %	2.00 %	PASS
Real Power:	0.060 W	0.023 W	N/A	0.109 W	N/A	N/A
Apparent Power:	34.829 W	34.793 W	N/A	34.865 W	N/A	N/A
Power Factor:	0.001	N/A	N/A	N/A	N/A	N/A

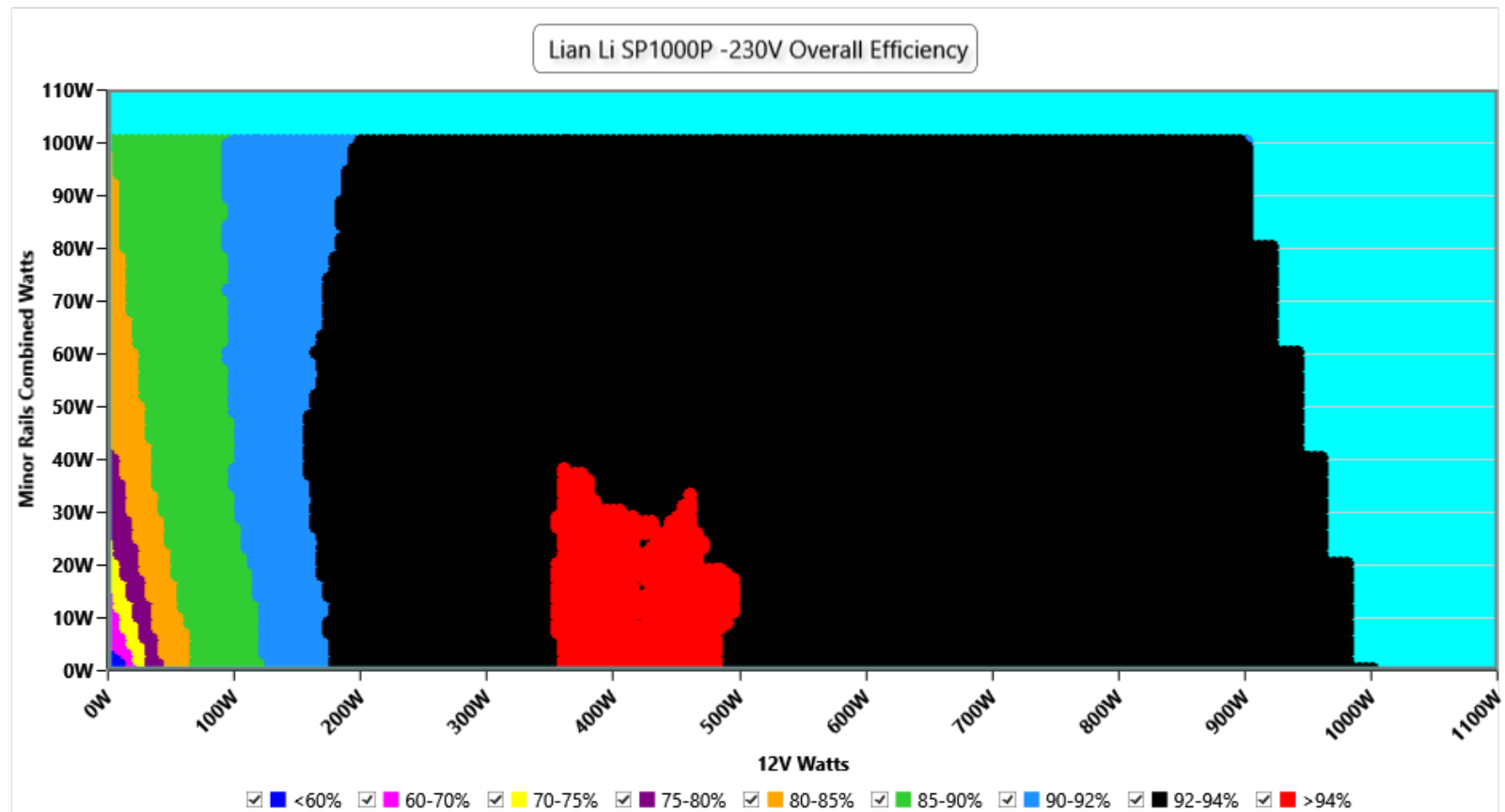
Efficiency Graph

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

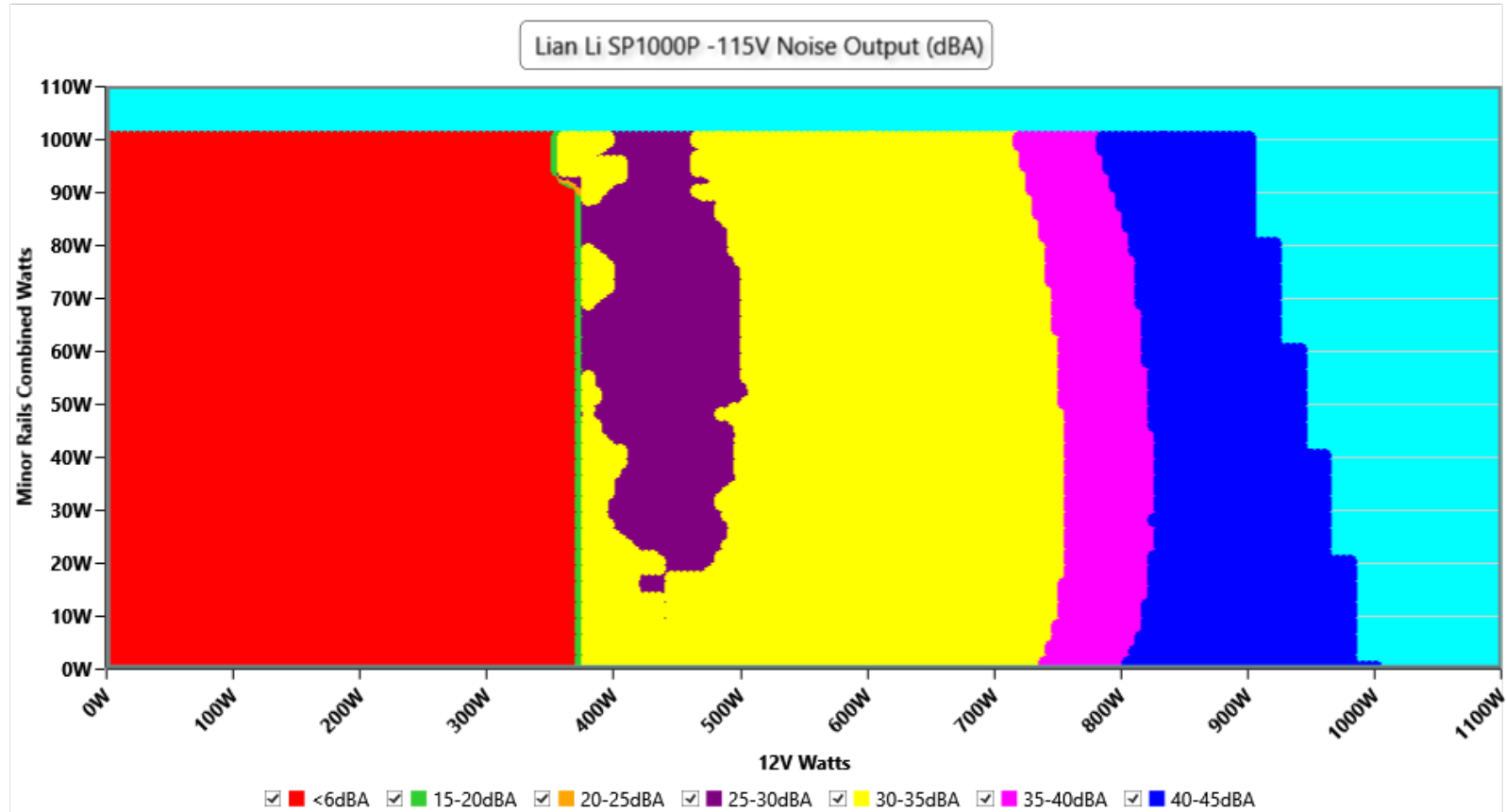


INFO

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

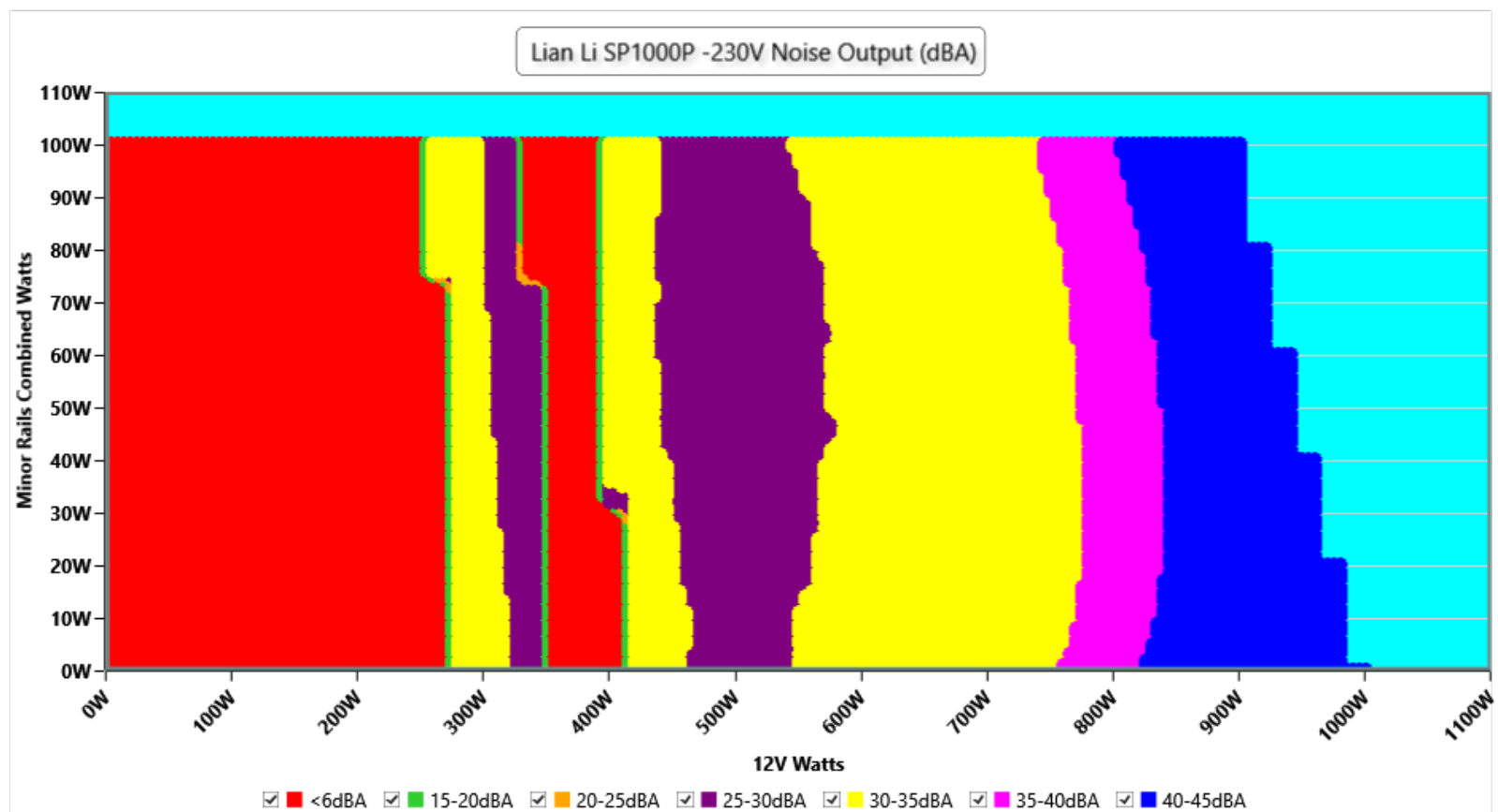
Noise Graph

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

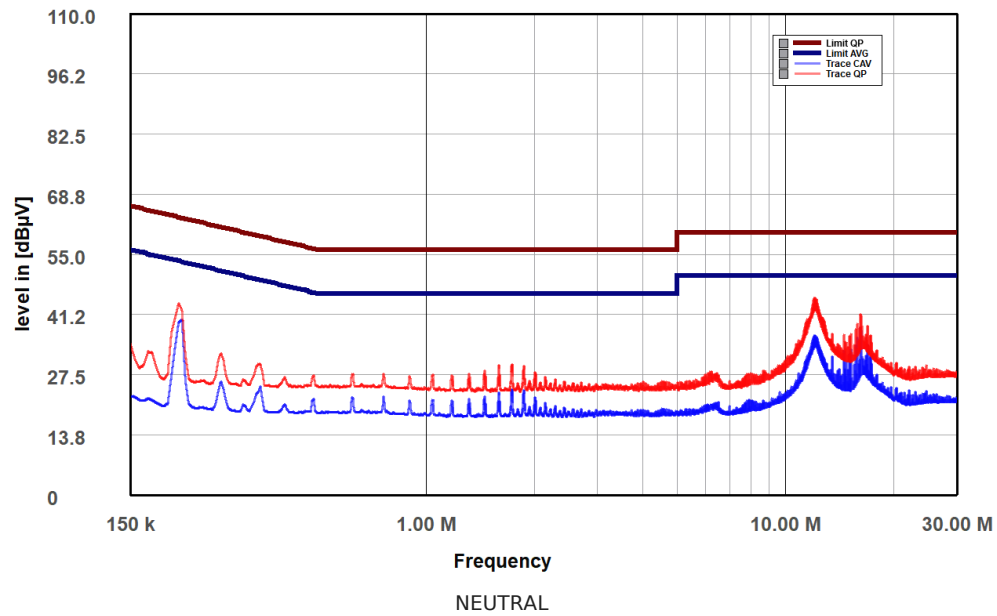


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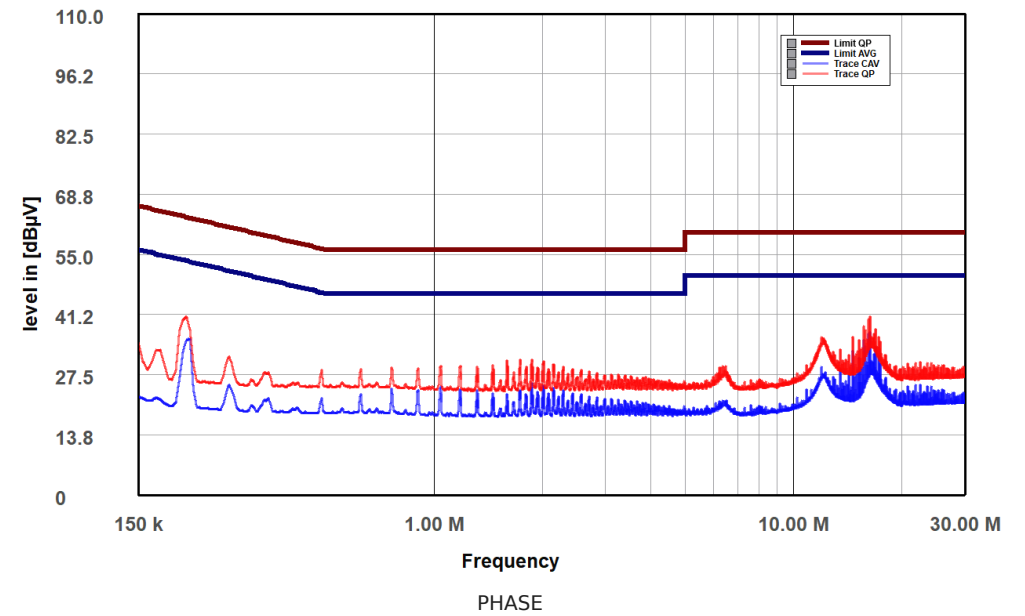
The PSU's noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails

Conducted Emissions EN 55032 & CISPR 32

Lian Li SP1000P (LL10003110) Neutral



Lian Li SP1000P (LL10003110) Phase

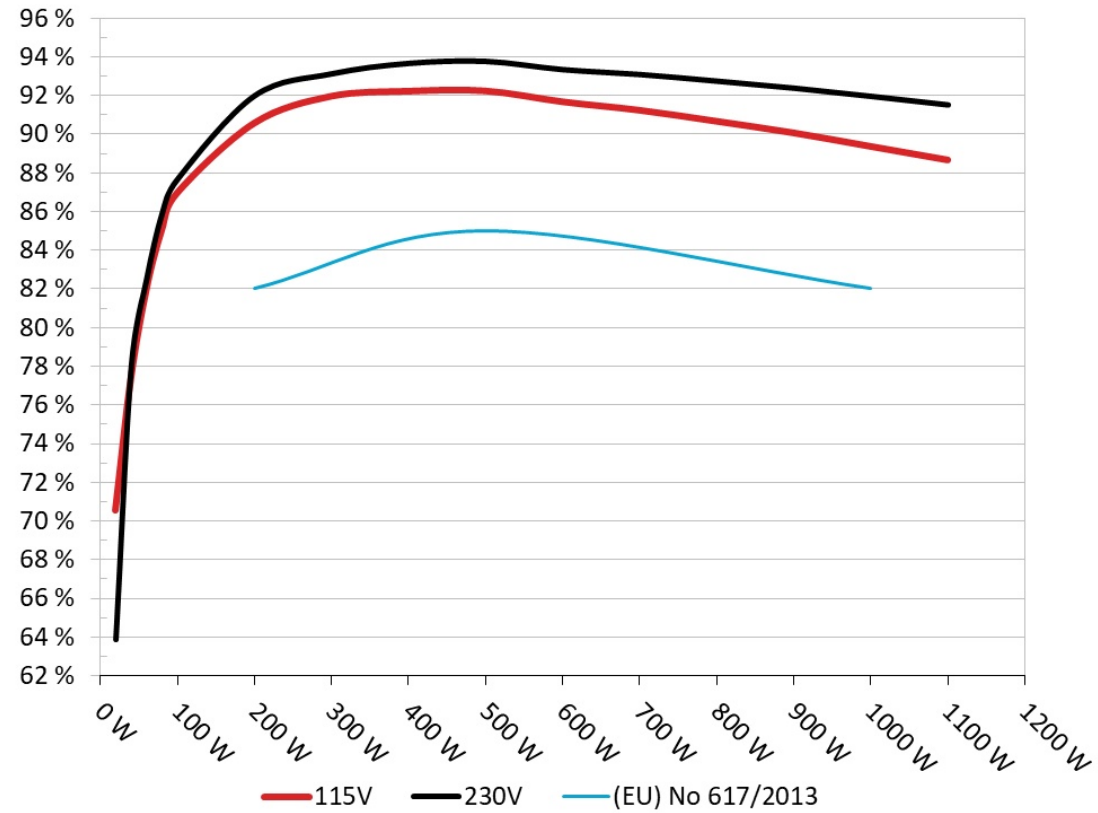


Indicative Performance

Efficiency under high ambient temperature

Efficiency: Lian Li SP1000P

Ambient: 36°C - 46°C (96.8°F - 114.8°F)

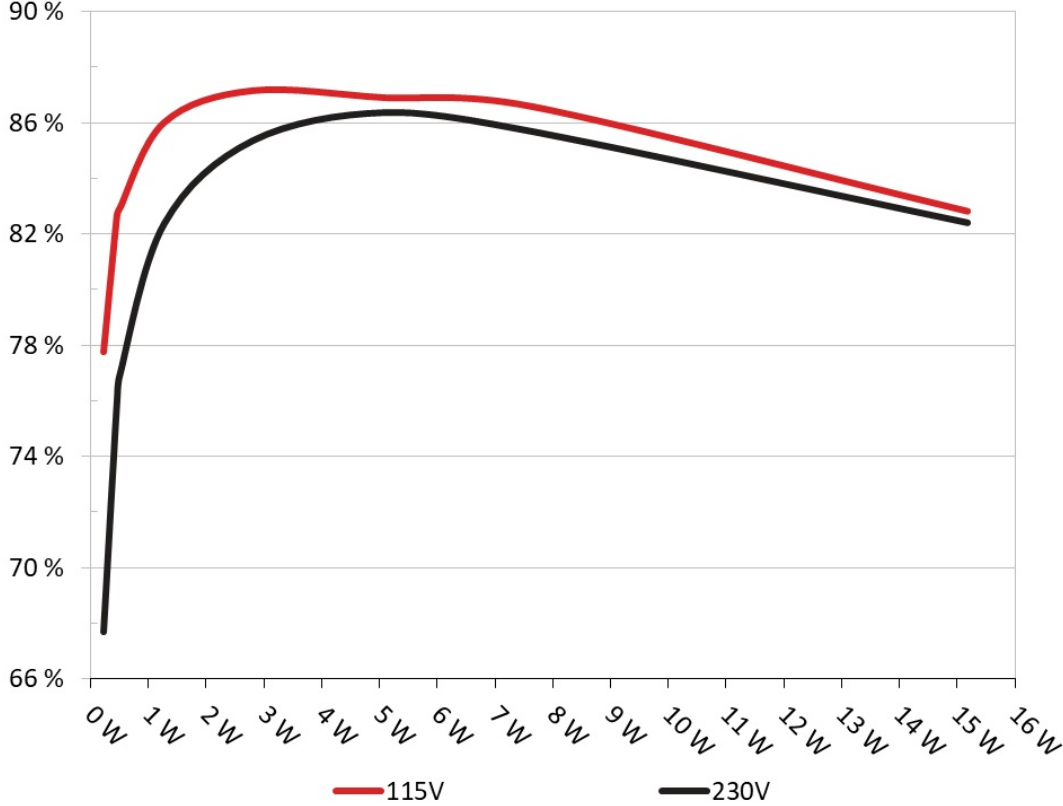


INFO

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: Lian Li SP1000P
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	0.231W	77.773%	0.028
	5.119V	0.297W		114.93V
2	0.09A	0.461W	82.658%	0.054
	5.118V	0.56W		114.93V
3	0.55A	2.811W	87.154%	0.247
	5.109V	3.225W		114.93V
4	1A	5.103W	86.9%	0.348
	5.101V	5.872W		114.93V
5	1.5A	7.639W	86.587%	0.402
	5.091V	8.822W		114.93V
6	3.001A	15.187W	82.824%	0.482
	5.062V	18.335W		114.92V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	0.045A	0.23W	67.692%	0.01
	5.118V	0.341W		230.05V
2	0.09A	0.461W	75.971%	0.018
	5.117V	0.607W		230.04V
3	0.55A	2.811W	85.372%	0.092
	5.109V	3.303W		230.03V
4	1A	5.102W	86.387%	0.155
	5.1V	5.907W		230.04V
5	1.5A	7.638W	85.709%	0.215
	5.091V	8.91W		230.03V
6	3.001A	15.188W	82.42%	0.329
	5.062V	18.426W		230.03V

Protection Features

OCP (Normal @ 28.7°C)	12V: 111.00A (133.25%), 11.983V 5V: 30A (150.00%), 4.957V 3.3V: 25.6A (128.00%), 3.297V 5VSB: 4.3A (143.33%), 5.033V
OCP (Hot @ 43.4°C)	12V: 110.40A (132.53%), 11.975V 5V: 27.4A (137.00%), 4.962V 3.3V: 24.4A (122.00%), 3.297V 5VSB: 4.3A (143.33%), 5.03V
OPP (Normal @ 28.7°C)	1336.07W (133.61%)
OPP (Hot @ 43.1°C)	1256.75W (125.67%)
OTP	✓ (175°C @ Primary Heatsink)
SCP	12V to Earth: ✓ 5V to Earth: ✓ 3.3V to Earth: ✓ 5VSB to Earth: ✓ -12V 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%	6.524A	2.002A	1.972A	0.982A	100.037	86.941%	0	<6.0	42.33°C	0.979
	12.022V	4.997V	3.348V	5.096V	115.062				40.25°C	114.9V
20%	14.076A	3.006A	2.961A	1.18A	200.003	90.549%	0	<6.0	41.99°C	0.987
	12.013V	4.992V	3.344V	5.086V	219.653				40.75°C	114.34V
30%	21.996A	3.509A	3.458A	1.379A	300.067	91.939%	0	<6.0	42.74°C	0.992
	12.003V	4.989V	3.341V	5.076V	326.372				41.28°C	114.86V
40%	29.908A	4.013A	3.957A	1.579A	399.904	92.199%	1420	30.3	41.66°C	0.993
	11.993V	4.985V	3.337V	5.067V	433.744				46.01°C	114.83V
50%	37.476A	5.021A	4.952A	1.78A	499.61	92.216%	1422	30.3	42.38°C	0.994
	11.983V	4.981V	3.332V	5.057V	541.776				47.6°C	114.81V
60%	45.131A	6.03A	5.95A	1.982A	600.164	91.656%	1431	30.5	42.94°C	0.994
	11.973V	4.977V	3.329V	5.046V	654.78				48.76°C	114.78V
70%	52.733A	7.041A	6.95A	2.185A	699.902	91.218%	1593	33.8	43.08°C	0.994
	11.961V	4.973V	3.325V	5.036V	767.284				50.01°C	114.75V
80%	60.414A	8.053A	7.952A	2.288A	799.933	90.651%	2027	41.1	43.87°C	0.994
	11.951V	4.968V	3.32V	5.028V	882.44				50.64°C	114.73V
90%	68.444A	8.562A	8.443A	2.391A	899.731	90.054%	2484	45.7	44.44°C	0.994
	11.940V	4.965V	3.316V	5.019V	999.106				52.65°C	114.7V
100%	76.291A	9.073A	8.967A	3A	999.756	89.355%	2902	48.9	45.72°C	0.994
	11.929V	4.961V	3.312V	5.001V	1118.871				53.49°C	114.66V
110%	84.079A	10.09A	10.069A	3.004A	1100.378	88.651%	3094	50.6	46.27°C	0.994
	11.918V	4.956V	3.307V	4.994V	1241.257				54.68°C	114.63V
CL1	0.118A	12.092A	11.899A	0A	101.326	81.593%	1480	31.6	40.44°C	0.981
	12.012V	4.979V	3.336V	5.108V	124.193				47.17°C	114.9V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
CL2	0.117A	20.105A	0A	0A	101.41	81.378%	1450	30.9	42.86°C	0.981
	12.018V	4.974V	3.35V	5.111V	124.616				46.91°C	114.91V
CL3	0.117A	0A	19.845A	0A	67.405	76.017%	1438	30.7	41.93°C	0.949
	12.018V	4.992V	3.326V	5.11V	88.668				45.57°C	114.92V
CL4	83.791A	0A	0A	0A	1000.25	90.048%	2537	46.6	45.58°C	0.994
	11.937V	4.977V	3.324V	5.068V	1110.791				52.44°C	114.67V

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%	6.524A	2.002A	1.971A	0.982A	100.038	87.689%	0	<6.0	48.23°C	0.84
	12.022V	4.996V	3.349V	5.096V	114.087				40.11°C	230.02V
20%	14.077A	3.006A	2.959A	1.18A	200.003	92.009%	0	<6.0	48.44°C	0.938
	12.012V	4.992V	3.346V	5.086V	217.38				40.61°C	230.02V
30%	21.996A	3.509A	3.456A	1.379A	300.067	93.145%	1421	30.3	41.03°C	0.96
	12.002V	4.989V	3.343V	5.076V	322.156				45.72°C	230.01V
40%	29.907A	4.013A	3.955A	1.579A	399.894	93.683%	1416	30.3	41.63°C	0.974
	11.994V	4.985V	3.338V	5.067V	426.854				45.34°C	229.99V
50%	37.476A	5.021A	4.949A	1.78A	499.614	93.79%	1415	30.3	42.06°C	0.976
	11.984V	4.981V	3.334V	5.057V	532.693				46.02°C	229.98V
60%	45.130A	6.03A	5.945A	1.982A	600.17	93.363%	1430	30.5	42.79°C	0.979
	11.973V	4.977V	3.331V	5.047V	642.833				47.83°C	229.96V
70%	52.732A	7.042A	6.943A	2.185A	699.905	93.111%	1619	34.3	43.33°C	0.979
	11.962V	4.973V	3.328V	5.036V	751.687				49.16°C	229.95V
80%	60.416A	8.054A	7.943A	2.288A	799.938	92.767%	2037	41.5	43.92°C	0.979
	11.951V	4.968V	3.324V	5.028V	862.312				50.01°C	229.94V
90%	68.446A	8.563A	8.433A	2.391A	899.738	92.406%	2446	45.8	44.67°C	0.98
	11.940V	4.964V	3.321V	5.02V	973.681				50.98°C	229.92V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
100%	76.291A	9.074A	8.955A	3A	999.778	91.984%	2834	48.8	45.89°C	0.98
	11.929V	4.961V	3.317V	5.001V	1086.901				52.22°C	229.91V
110%	84.080A	10.091A	10.053A	3.004A	1100.385	91.538%	3096	50.6	46.2°C	0.979
	11.918V	4.956V	3.313V	4.995V	1202.104				53.43°C	229.9V
CL1	0.118A	12.092A	11.874A	0A	101.325	82.64%	1470	31.3	41.57°C	0.854
	12.013V	4.979V	3.343V	5.108V	122.62				48.52°C	230.02V
CL2	0.117A	20.106A	0A	0A	101.409	82.397%	1441	30.9	40.37°C	0.854
	12.019V	4.974V	3.349V	5.111V	123.077				45.14°C	230.02V
CL3	0.117A	0A	19.81A	0A	67.404	76.816%	1434	30.6	42°C	0.773
	12.019V	4.992V	3.331V	5.11V	87.75				45.78°C	230.02V
CL4	83.798A	0A	0A	0A	1000.242	92.67%	2486	45.7	46.57°C	0.98
	11.936V	4.976V	3.324V	5.068V	1079.357				51.97°C	229.92V

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	1.236A	0.5A	0.492A	0.195A	20.015	70.566%	0	<6.0	40.2°C	0.814
	12.033V	5.001V	3.352V	5.116V	28.363				36.99°C	114.92V
40W	2.718A	0.7A	0.689A	0.294A	40.01	77.359%	0	<6.0	44.5°C	0.908
	12.030V	5V	3.351V	5.113V	51.723				37.11°C	114.92V
60W	4.202A	0.901A	0.887A	0.392A	60.009	81.942%	0	<6.0	43.9°C	0.944
	12.027V	4.999V	3.35V	5.11V	73.233				38.24°C	114.92V
80W	5.684A	1.101A	1.084A	0.49A	79.982	85.019%	0	<6.0	43.5°C	0.957
	12.025V	4.999V	3.35V	5.107V	94.079				39.99°C	114.91V

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	1.236A	0.5A	0.492A	0.195A	20.017	63.888%	0	<6.0	38.37°C	0.469
	12.032V	5.001V	3.352V	5.116V	31.331				36.34°C	230.03V
40W	2.718A	0.7A	0.689A	0.294A	40.012	78.008%	0	<6.0	43.19°C	0.626
	12.030V	5V	3.351V	5.113V	51.292				37.97°C	230.03V
60W	4.202A	0.901A	0.886A	0.392A	60.009	82.535%	0	<6.0	43.9°C	0.72
	12.028V	4.999V	3.351V	5.11V	72.707				38.69°C	230.03V
80W	5.684A	1.101A	1.084A	0.49A	79.984	85.907%	0	<6.0	43.54°C	0.791
	12.026V	4.999V	3.351V	5.107V	93.107				39.35°C	230.03V

The results above are not used in the certification process

Ripple Measurements

115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	11.40mV	10.35mV	6.92mV	10.80mV	Pass
20% Load	14.25mV	10.92mV	6.61mV	11.00mV	Pass
30% Load	14.04mV	11.02mV	6.92mV	11.97mV	Pass
40% Load	16.43mV	11.48mV	7.17mV	11.62mV	Pass
50% Load	17.51mV	11.32mV	7.58mV	11.56mV	Pass
60% Load	19.23mV	12.14mV	9.51mV	12.07mV	Pass
70% Load	22.54mV	12.65mV	10.58mV	13.14mV	Pass
80% Load	23.71mV	12.81mV	13.43mV	12.94mV	Pass
90% Load	25.80mV	13.46mV	13.83mV	13.09mV	Pass
100% Load	28.85mV	13.72mV	15.11mV	13.45mV	Pass
110% Load	30.48mV	14.54mV	14.70mV	14.16mV	Pass
Crossload1	12.98mV	13.37mV	12.51mV	14.42mV	Pass
Crossload2	16.53mV	16.02mV	8.04mV	15.28mV	Pass

Test	12V	5V	3.3V	5VSB	Pass/Fail
Crossload3	16.18mV	11.89mV	17.70mV	15.54mV	Pass
Crossload4	26.20mV	11.99mV	8.39mV	14.87mV	Pass

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	12.37mV	11.02mV	6.31mV	11.11mV	Pass
20% Load	14.76mV	11.07mV	6.71mV	11.00mV	Pass
30% Load	13.74mV	11.63mV	7.02mV	11.77mV	Pass
40% Load	15.67mV	11.17mV	6.87mV	11.57mV	Pass
50% Load	16.69mV	11.33mV	7.27mV	11.31mV	Pass
60% Load	17.96mV	12.09mV	9.76mV	11.97mV	Pass
70% Load	20.96mV	12.60mV	11.14mV	12.58mV	Pass
80% Load	22.24mV	12.75mV	14.39mV	12.69mV	Pass
90% Load	24.53mV	13.37mV	14.90mV	13.04mV	Pass
100% Load	27.63mV	14.23mV	14.95mV	12.89mV	Pass
110% Load	31.45mV	15.31mV	15.71mV	13.65mV	Pass
Crossload1	13.28mV	13.11mV	11.90mV	14.11mV	Pass
Crossload2	16.08mV	16.78mV	8.04mV	14.77mV	Pass
Crossload3	16.69mV	12.09mV	17.70mV	15.49mV	Pass
Crossload4	25.34mV	12.50mV	9.61mV	15.08mV	Pass

The results above are not used in the certification process

Lian Li SP1000P



Top side

SWITCHING POWER SUPPLY/交換式電源供應器/开关电源供应器		SP1000P	
Model No./型號/型号		SP1000P	
AC Input/交流輸入/交流输入		100-240Vac, 12-6A 50-60Hz (200-240Vac, 6A, 50-60Hz Only for China, Korea) (200-240Vac, 6A, 50-60Hz 仅限用于中国大陆)	
Rated Output Voltage/直流輸出電壓/直流输出电压		+3.3V +5V +12V -12V +5Vsb	
Max DC Output Current/直流輸出電流/直流输出电流		20A 20A 83.3A 0.3A 3A	
Max Output Power/最大輸出功率/最大输出功率		100W 999.6W 3.6W 15W	
Total Output Wattage/總輸出功率/总输出功率		1000W	
CAN ICES-003(B)/NMB-003(B)			
		G9PSP1000PB0CC255300002	

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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