Lian Li SP0850P

Serial Number G9PSP0850PB0CC255300001

Lab ID LL85003111

Certification ID 263111

Test Result Report ID: 26PS3111A

Certificate Issue Date: Feb 27, 2026

Scheme: ETA-EMI PSU

115V

230V

Scheme: LAMBDA PSU

115V

230V

Outside Validation Scope

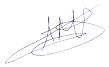
General Information

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	SP0850P
OEM/ODM	Zhong Yuan Power
Serial Number	G9PSP0850PB0CC255300001
Product Specifications	
Manufacturer-Provided Information	
Rated Voltage (Vrms)	100-240
Rated Current (Arms)	6-12

Rated Frequency (Hz)	50-60
Rated Power (W)	850
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	LL85003111
Date of receipt	Jan 5, 2026
Testing Date	Feb 24, 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	70.8	3	0.3
	Watts	100		849.6	15	3.6
Total Max. Power (W)		850				

Parts Description

General Data	
Manufacturer (OEM)	Zhong Yuan Power
PCB Type	Double-Sided
Primary Side	
Transient Filter	2x Y caps, 2x X caps, 2x CM chokes, 1x MOV
Inrush Protection	NTC Thermistor HNP 5D20 (5 Ohm @ 25°C) & Relay
Bridge Rectifier	2x Yangzhou GBUL1506 (600V, 15A @ 100°C)
APFC MOSFETs	1x Oriental Semiconductor OSG60R030HT3ZF-F (600V, 51A @ 100°C, Rds(on): 30mOhm)
APFC Boost Diode	Sanrise Tech SRD10V65A (650V, 10A @ 153°C)
Bulk Cap(s)	Rubycon (420V, 330uF @ 3,000h @ 105°C, MXK) Rubycon (420V, 270uF @ 3,000h @ 105°C, MXT)

Main Switchers	2x Sanrise SRC60R090BS (600V, 26.4A @ 100°C, Rds(on): 90mOhm)
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 iPS FTG014N04SA (40V, 140A @ 25°C, Rds(on): 1.4mOhm)
5V & 3.3V	DC-DC Converters: 4x Alpha & Omega AON6512 (30V, 130A @ 100°C, Rds(on): 1.7mOhm) PWM Controller(s): ANPEC APW7159C
Filtering Capacitors	Electrolytic: Nippon Chemi-Con (9-10,000 @ 105°C, KZN) 5x Rubycon (4-10,000 @ 105°C, YXJ) Rubycon (6,000 @ 105°C, ZLS) Polymer: 31x Toshincon (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	✓
Conducted Emissions EN 55032 & CISPR 32	Passed

Performance Summary

115V

Accredited	
Average Efficiency (>1450 load combinations)	90.731%
Average Noise Output (>1450 Load Combinations)	32.42dBA
Average PF (>1450 Load Combinations)	0.986
Efficiency With 10W (≤500W) or 2% (>500W) Load	73.627%
Standby Power Consumption	0.0318W
Non-Accredited	
12V Ripple (Full Load)	23.56mV
5V Ripple (Full Load)	14.08mV
3.3V Ripple (Full Load)	11.60mV
5VSB Ripple (Full Load)	12.63mV
12V Load Regulation	0.74%
5V Load Regulation	1.16%
3.3V Load Regulation	2.81%
5VSB Load Regulation	1.95%
Inrush Current	33.290A

230V

Accredited	
Average Efficiency (>1450 load combinations)	92.384%
Average Noise Output (>1450 Load Combinations)	31.17dBA
Average PF (>1450 Load Combinations)	0.947
Efficiency With 10W (≤500W) or 2% (>500W) Load	73.118%
Standby Power Consumption	0.0578W
Non-Accredited	
12V Ripple (Full Load)	24.17mV
5V Ripple (Full Load)	15.10mV
3.3V Ripple (Full Load)	12.20mV

5VSB Ripple (Full Load)		12.18mV
12V Load Regulation		0.77%
5V Load Regulation		1.10%
3.3V Load Regulation		2.69%
5VSB Load Regulation		1.93%
Inrush Current		66.990A
12V Transient Response (200%)		11.60V
5V Transient Response (200%)		4.927V
3.3V Transient Response (200%)		3.203V
5VSB Transient Response (200%)		5.039V
Hold-Up Time & PWR_OK Signal		18.40ms
AC Loss to PWR_OK Hold Up Time		16.70ms
PWR_OK Inactive to DC Loss Delay		1.70ms
PSU Timings: T1 (20% / 100%)	103.0ms	100.0ms
PSU Timings: T3 (20% / 100%)	122.0ms	123.0ms
12V OCP (29.4°C / 44.0°C)	92.80A (131.07%), 11.992V	94.00A (132.77%), 11.978V
5V OCP (29.4°C / 44.0°C)	28.9A (144.50%), 5.014V	28.7A (143.50%), 5.019V
3.3V OCP (29.4°C / 44.0°C)	27A (135.00%), 3.282V	26.7A (133.50%), 3.278V
5VSB OCP (29.4°C / 44.0°C)	4.5A (150.00%), 5.041V	4.4A (146.67%), 5.043V
OPP (28.04°C / 44.72°C)	130.66%	133.00%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	18.4
AC Loss to PWR_OK Hold Up Time (ms)	16.7
PWR_OK Inactive to DC Loss Delay (ms)	1.7

Vampire Power

Tables

115V

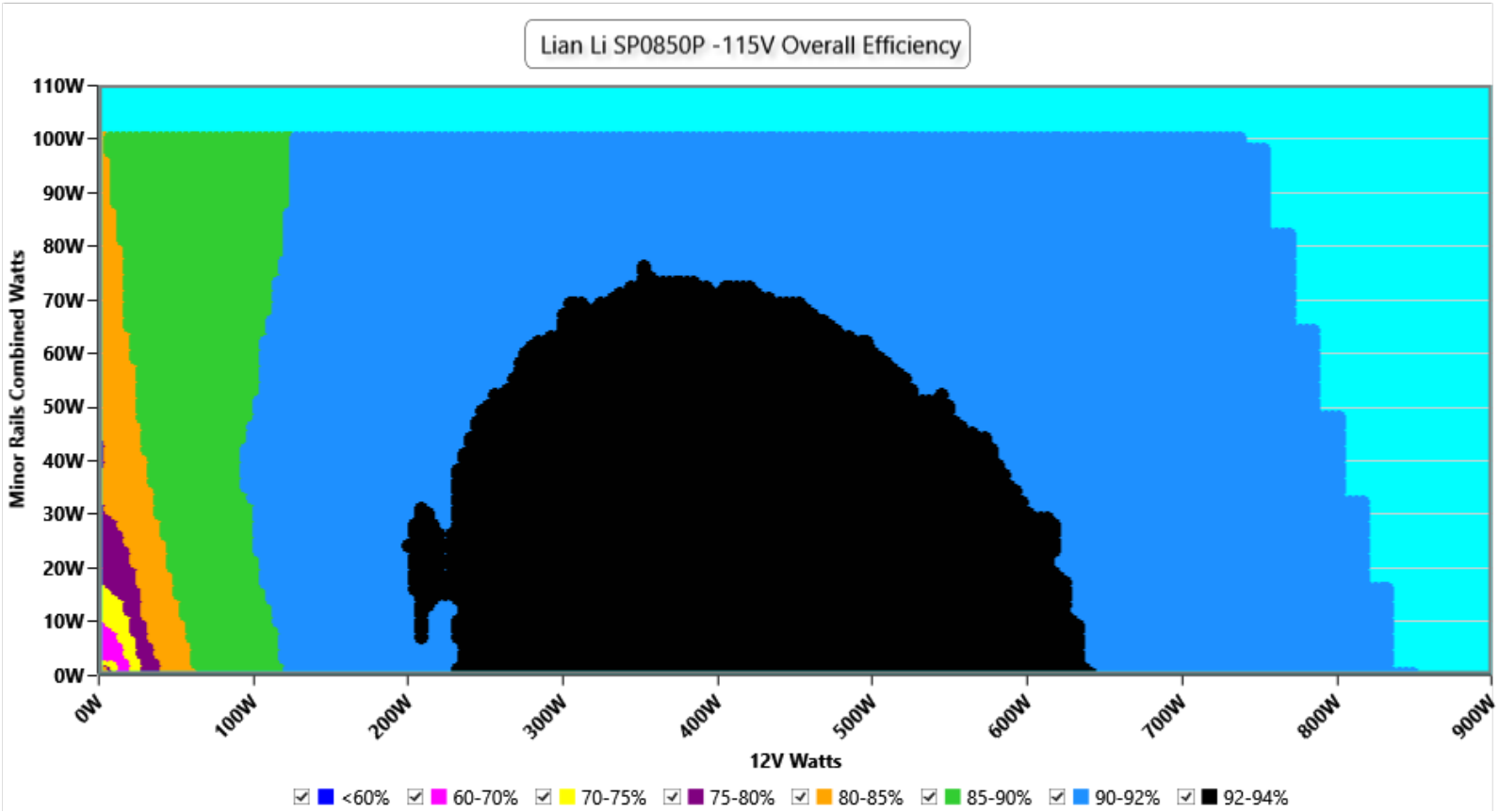
Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.03 V	115.00 V	113.85 V	115.05 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	60.00 Hz	59.40 Hz	60.01 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.416	1.415	1.340	1.416	1.490	PASS
Mains Voltage THD:	0.13 %	0.09 %	N/A	0.17 %	2.00 %	PASS
Real Power:	0.032 W	0.013 W	N/A	0.052 W	N/A	N/A
Apparent Power:	8.783 W	8.760 W	N/A	8.806 W	N/A	N/A
Power Factor:	0.004	N/A	N/A	N/A	N/A	N/A

230V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	230.09 V	230.07 V	227.70 V	230.12 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:	0.058 W	0.018 W	N/A	0.122 W	N/A	N/A
Apparent Power:	28.256 W	28.221 W	N/A	28.291 W	N/A	N/A
Power Factor:	0.001	N/A	N/A	N/A	N/A	N/A

Efficiency Graph

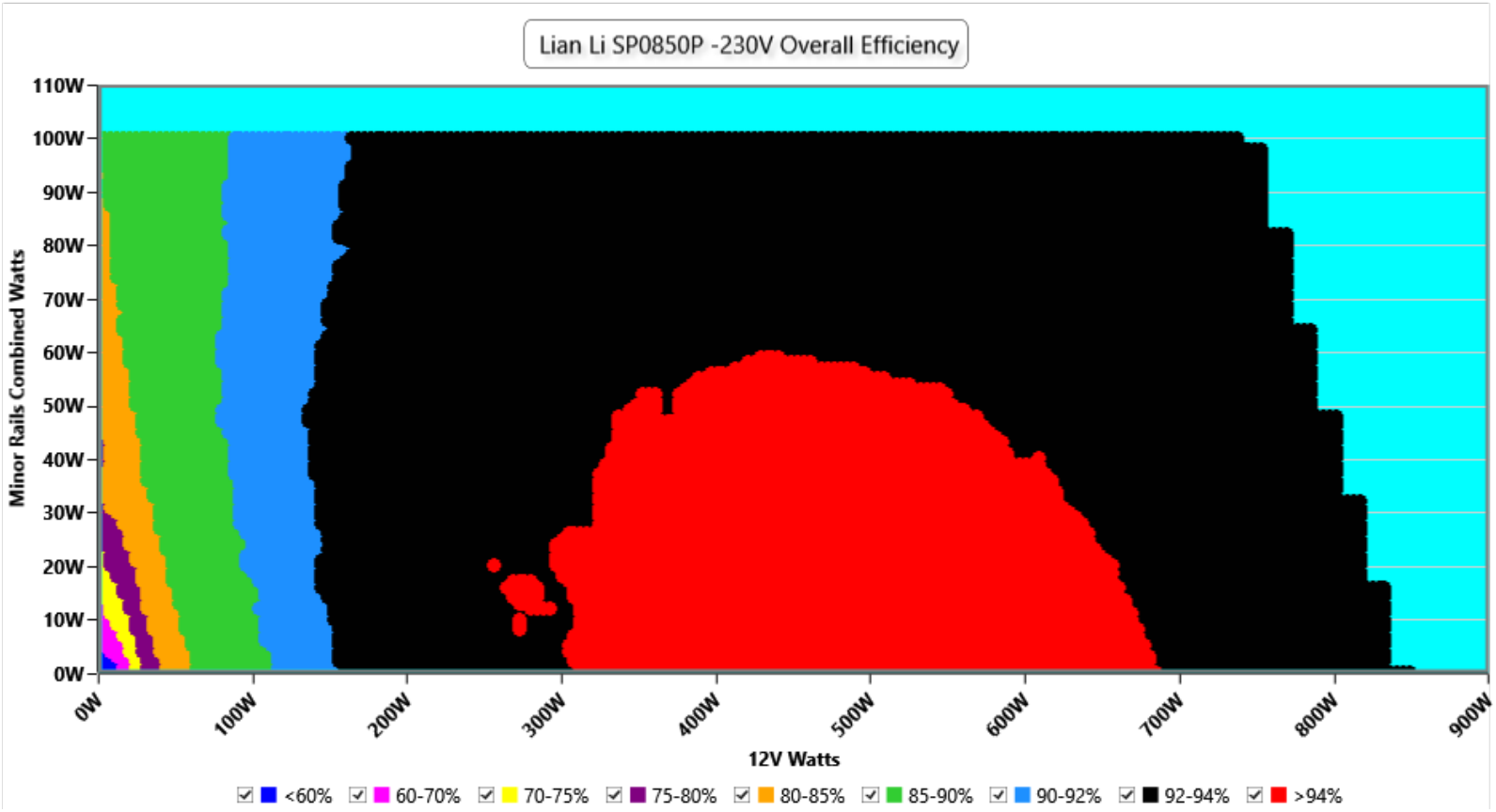
115V



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

230V



INFO

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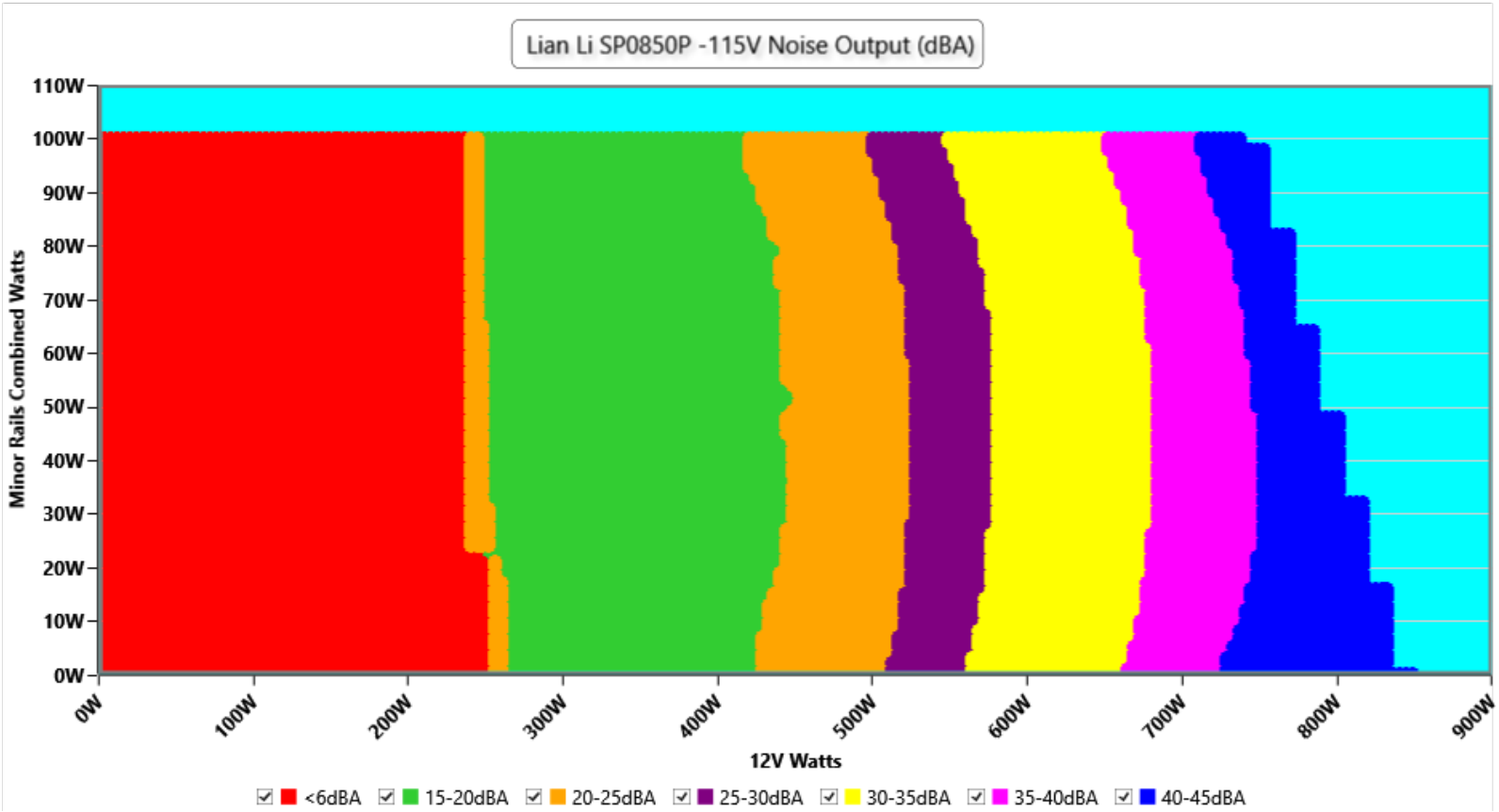
Noise Graph

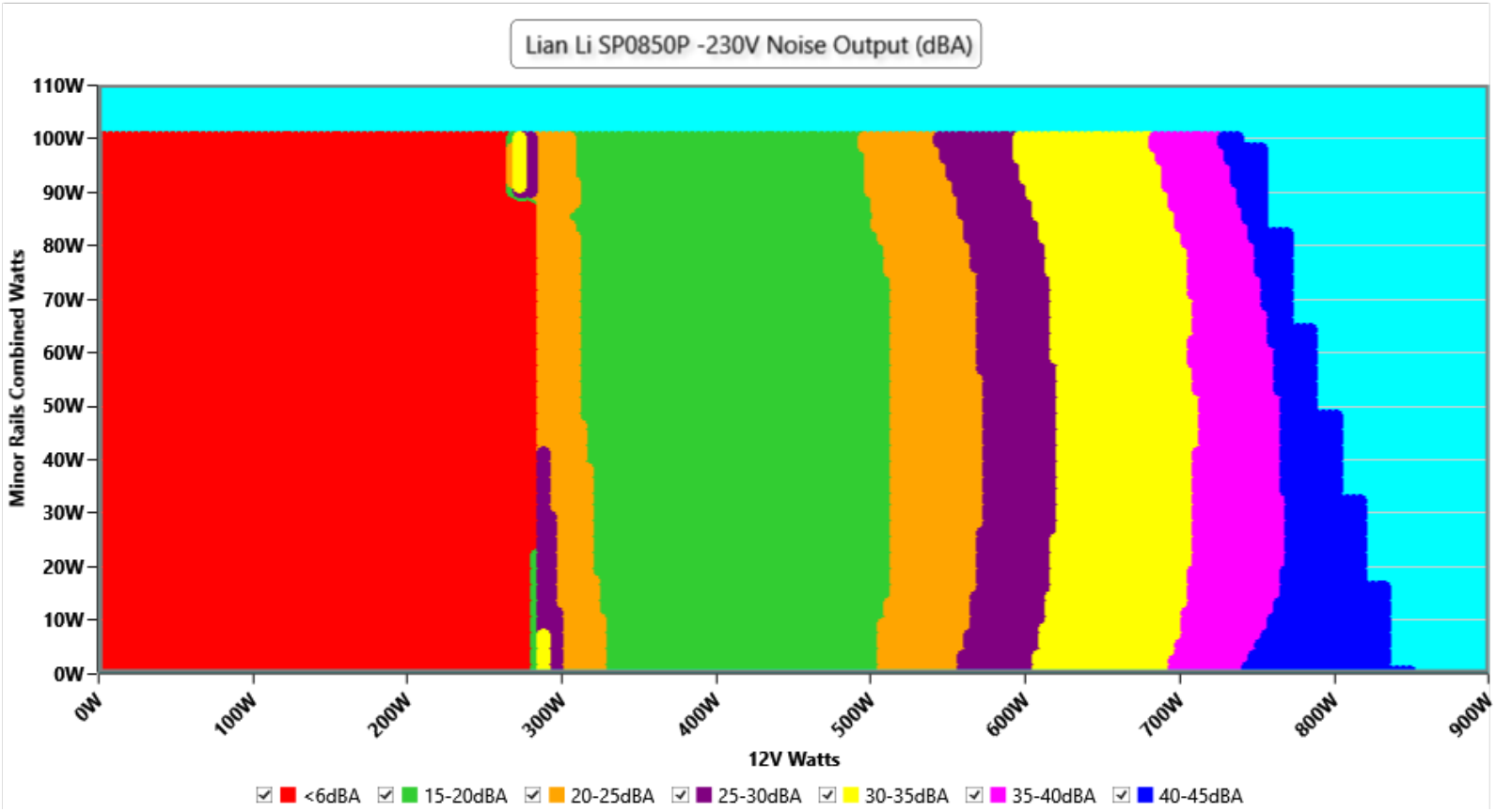
115V



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

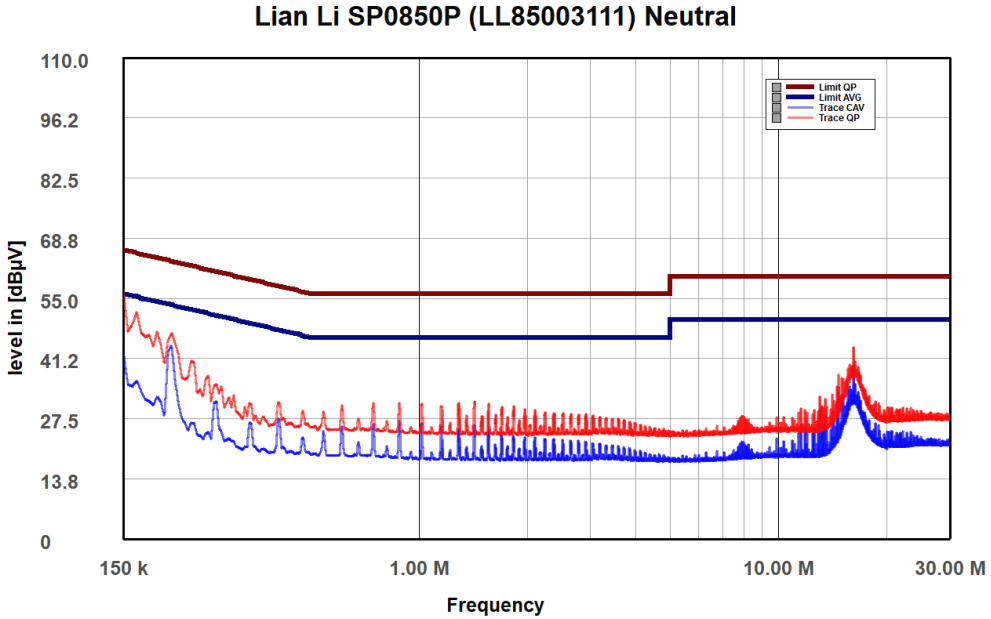
230V



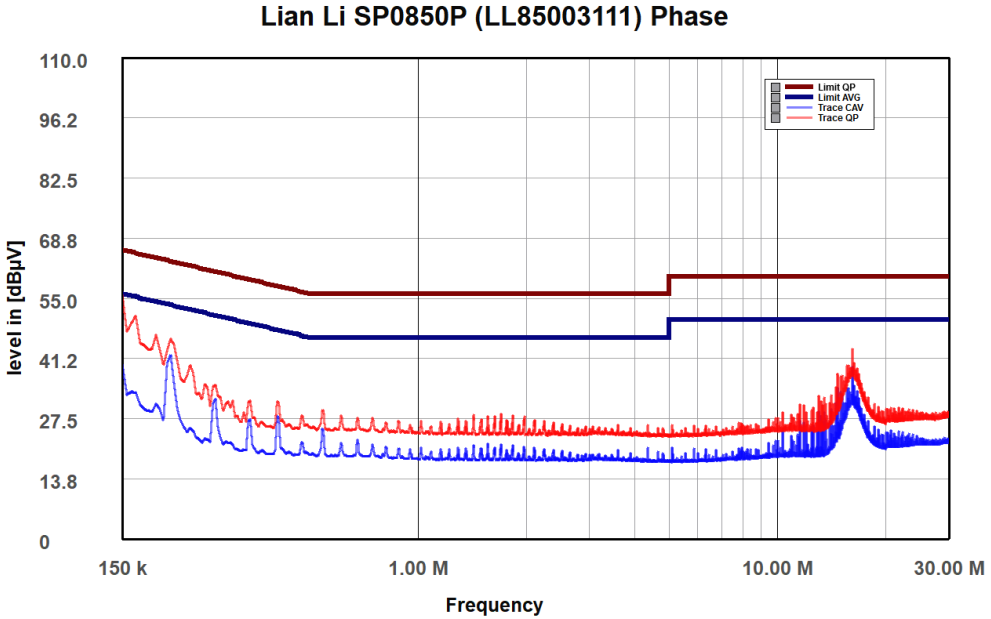
INFO

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



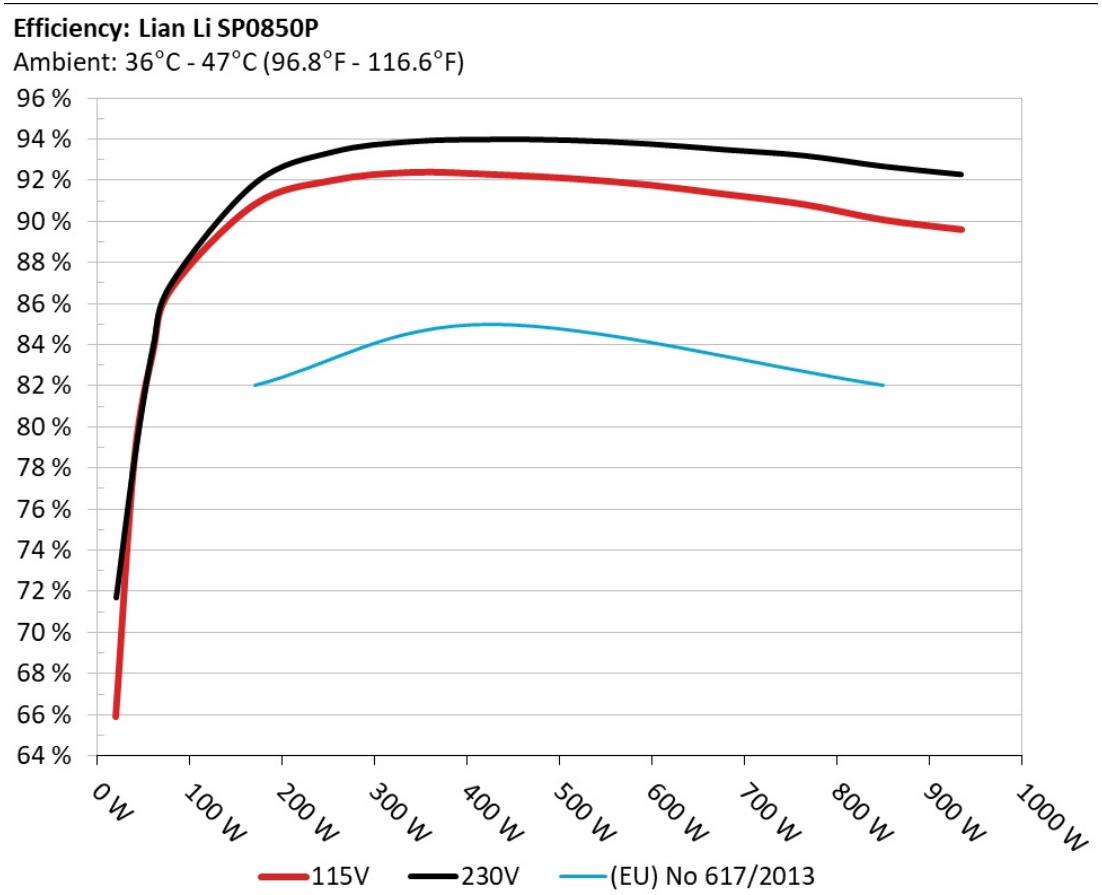
NEUTRAL



PHASE

Indicative Performance

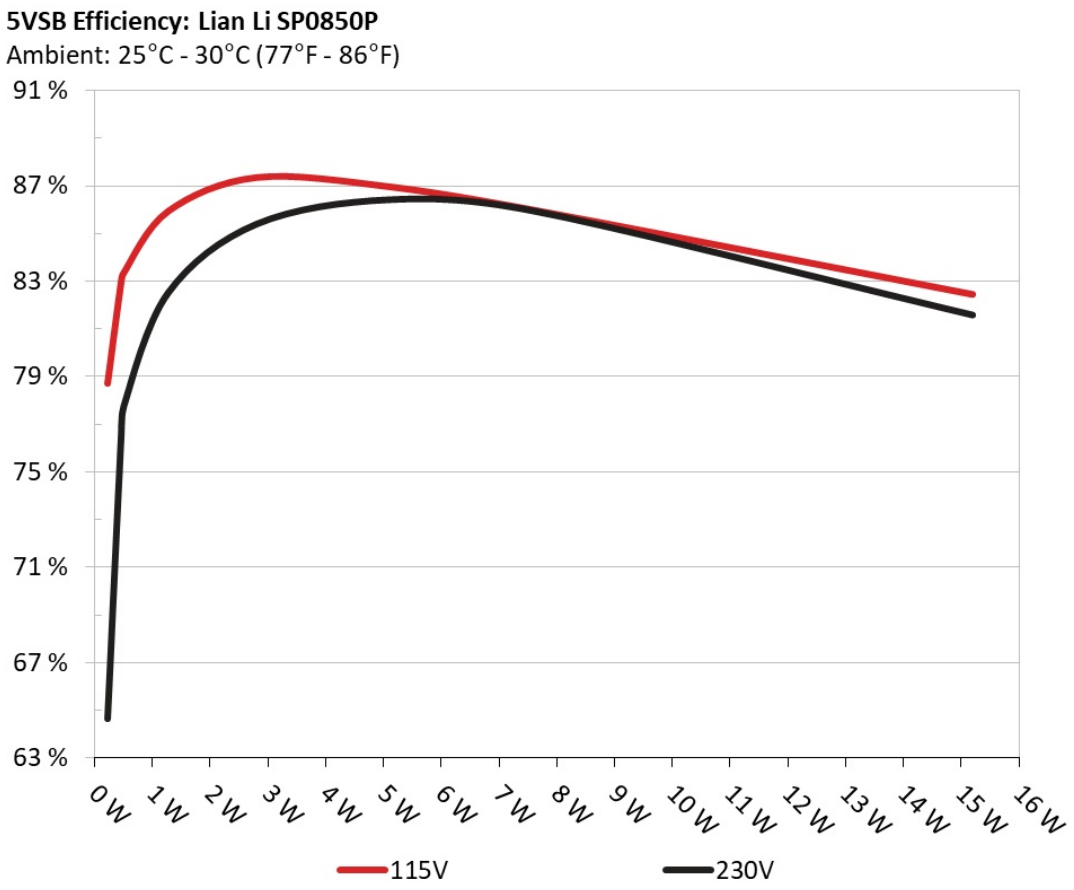
Efficiency under high ambient temperature



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	78.735%	0.035
	5.119V	0.293W		114.93V
2	**0.09A**	0.461W	82.928%	0.066
	5.118V	0.556W		114.93V
3	**0.55A**	2.812W	87.372%	0.28
	5.11V	3.219W		114.93V
4	**1A**	5.104W	86.985%	0.373
	5.102V	5.868W		114.93V
5	**1.5A**	7.643W	85.989%	0.419
	5.093V	8.889W		114.93V
6	**3.001A**	15.203W	82.47%	0.489
	5.067V	18.434W		114.92V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	**0.045A**	0.231W	64.634%	0.013
	5.119V	0.357W		230.17V
2	**0.09A**	0.461W	76.28%	0.022
	5.118V	0.604W		230.14V
3	**0.55A**	2.811W	85.407%	0.112
	5.11V	3.292W		230.1V
4	**1A**	5.104W	86.43%	0.184
	5.102V	5.907W		230.09V
5	**1.5A**	7.643W	85.939%	0.246
	5.094V	8.898W		230.08V
6	**3A**	15.204W	81.588%	0.352
	5.067V	18.636W		230.07V

Protection Features

OCP (Normal @ 29.4°C)	12V: 92.80A (131.07%), 11.992V 5V: 28.9A (144.50%), 5.014V 3.3V: 27A (135.00%), 3.282V 5VSB: 4.5A (150.00%), 5.041V
OCP (Hot @ 44.0°C)	12V: 94.00A (132.77%), 11.978V 5V: 28.7A (143.50%), 5.019V 3.3V: 26.7A (133.50%), 3.278V 5VSB: 4.4A (146.67%), 5.043V
OPP (Normal @ 28.0°C)	1110.59W (130.66%)
OPP (Hot @ 44.7°C)	1130.52W (133.00%)
OTP	✓ (181°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%	**5.268A**	**1.979A**	**1.97A**	**0.981A**	85.012	86.895%	0	<6.0	44.68°C	0.953
	12.037V	5.054V	3.351V	5.101V	97.833				40.18°C	114.92V
20%	**11.562A**	**2.972A**	**2.963A**	**1.179A**	169.987	90.844%	0	<6.0	46.17°C	0.988
	12.028V	5.049V	3.342V	5.092V	187.12				40.63°C	114.9V
30%	**18.217A**	**3.47A**	**3.464A**	**1.377A**	255.005	92.02%	0	<6.0	46.18°C	0.99
	12.019V	5.045V	3.335V	5.084V	277.123				41.18°C	114.87V
40%	**24.889A**	**3.969A**	**3.967A**	**1.577A**	340.108	92.407%	1407	30.2	41.51°C	0.992
	12.009V	5.041V	3.328V	5.076V	367.721				59.4°C	114.75V
50%	**31.224A**	**4.969A**	**4.975A**	**1.777A**	425.193	92.308%	1438	30.7	42.33°C	0.993
	11.999V	5.033V	3.318V	5.068V	457.667				55.63°C	114.19V
60%	**37.522A**	**5.971A**	**5.988A**	**1.977A**	509.734	92.116%	1629	34.4	42.66°C	0.993
	11.991V	5.026V	3.307V	5.059V	552.862				55.75°C	114.71V
70%	**43.885A**	**6.976A**	**7.008A**	**2.179A**	595.058	91.804%	1699	35.3	43.17°C	0.993
	11.984V	5.019V	3.297V	5.05V	648.186				55.02°C	114.78V
80%	**50.272A**	**7.981A**	**8.037A**	**2.281A**	679.898	91.337%	1979	42.2	43.61°C	0.994
	11.975V	5.013V	3.285V	5.043V	744.389				56.9°C	114.75V
90%	**57.073A**	**8.488A**	**8.542A**	**2.383A**	765.352	90.841%	2331	44.2	44.21°C	0.993
	11.964V	5.008V	3.278V	5.036V	842.518				57.69°C	114.72V
100%	**63.611A**	**8.996A**	**9.079A**	**2.989A**	850.164	90.094%	2560	46.9	45.86°C	0.993
	11.955V	5.003V	3.272V	5.02V	943.643				59.16°C	114.7V
110%	**69.991A**	**10.008A**	**10.202A**	**2.991A**	934.681	89.626%	2570	47	46.15°C	0.993
	11.950V	4.997V	3.264V	5.015V	1042.879				61.56°C	114.67V
CL1	**0.117A**	**11.968A**	**12.042A**	**0A**	101.324	83.355%	1661	34.8	41.43°C	0.953
	12.027V	5.031V	3.297V	5.113V	121.557				50.89°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**	**19.925A**	**0A**	**0A**	101.409	82.834%	1382	29.7	41.73°C	0.954
	12.032V	5.019V	3.358V	5.115V	122.425				49.58°C	114.9V
CL3	**0.117A**	**0A**	**20.214A**	**0A**	67.406	76.416%	1285	27.1	41.42°C	0.952
	12.032V	5.058V	3.265V	5.113V	88.208				47.94°C	114.91V
CL4	**71.064A**	**0A**	**0A**	**0A**	849.88	90.807%	2569	47	45.64°C	0.993
	11.960V	5.032V	3.327V	5.081V	935.918				60.19°C	114.7V

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%	**5.267A**	**1.979A**	**1.969A**	**0.981A**	85.011	87.174%	0	<6.0	50.59°C	0.795
	12.038V	5.054V	3.352V	5.101V	97.52				40.03°C	230.05V
20%	**11.562A**	**2.972A**	**2.961A**	**1.179A**	169.982	91.868%	0	<6.0	51.57°C	0.908
	12.029V	5.049V	3.343V	5.092V	185.028				40.84°C	230.04V
30%	**18.214A**	**3.47A**	**3.462A**	**1.377A**	254.998	93.402%	0	<6.0	52.7°C	0.949
	12.020V	5.045V	3.337V	5.084V	273.011				41.3°C	230.03V
40%	**24.884A**	**3.969A**	**3.964A**	**1.576A**	340.096	93.905%	1323	27.3	41.88°C	0.964
	12.011V	5.041V	3.33V	5.076V	362.167				51.24°C	230.03V
50%	**31.212A**	**4.97A**	**4.971A**	**1.776A**	425.165	94.009%	1291	27.6	42.41°C	0.974
	12.003V	5.032V	3.32V	5.068V	452.256				50.02°C	230.02V
60%	**37.506A**	**5.971A**	**5.983A**	**1.977A**	509.699	93.97%	1447	30.9	42.84°C	0.981
	11.995V	5.026V	3.31V	5.059V	542.405				49.62°C	230V
70%	**43.874A**	**6.976A**	**7.001A**	**2.179A**	595.044	93.794%	1639	34.5	43.38°C	0.982
	11.987V	5.019V	3.3V	5.05V	634.413				50.7°C	229.99V
80%	**50.256A**	**7.981A**	**8.024A**	**2.281A**	679.879	93.508%	1937	40	43.81°C	0.982
	11.978V	5.013V	3.29V	5.043V	727.08				51.58°C	229.98V
90%	**57.050A**	**8.488A**	**8.529A**	**2.383A**	765.314	93.219%	2265	43.5	44.85°C	0.982
	11.968V	5.008V	3.283V	5.036V	820.988				52.66°C	229.96V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
100%	**63.587A**	**8.997A**	**9.069A**	**2.989A**	850.116	92.701%	2559	46.9	45.22°C	0.981
	11.958V	5.003V	3.275V	5.02V	917.056				53.19°C	229.95V
110%	**70.003A**	**10.007A**	**10.208A**	**2.992A**	934.717	92.304%	2565	46.9	46.77°C	0.98
	11.948V	4.997V	3.262V	5.015V	1012.643				55.38°C	229.94V
CL1	**0.117A**	**11.969A**	**12.054A**	**0A**	101.317	83.686%	1595	33.8	41.98°C	0.829
	12.028V	5.03V	3.294V	5.113V	121.068				47.61°C	230.05V
CL2	**0.116A**	**19.933A**	**0A**	**0A**	101.406	83.384%	1247	25.9	41.16°C	0.83
	12.035V	5.017V	3.358V	5.115V	121.623				46°C	230.06V
CL3	**0.116A**	**0A**	**20.26A**	**0A**	67.402	76.778%	1175	24	41.75°C	0.772
	12.035V	5.058V	3.257V	5.113V	87.788				46.21°C	230.05V
CL4	**71.033A**	**0A**	**0A**	**0A**	849.814	93.477%	2450	45.8	45.67°C	0.981
	11.964V	5.031V	3.327V	5.081V	909.122				52.93°C	229.96V

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	**1.234A**	**0.494A**	**0.491A**	**0.195A**	20.018	65.925%	0	<6.0	39.24°C	0.795
	12.044V	5.061V	3.364V	5.118V	30.365				36.09°C	114.93V
40W	**2.716A**	**0.692A**	**0.687A**	**0.293A**	40.012	78.414%	0	<6.0	40.92°C	0.904
	12.042V	5.059V	3.361V	5.115V	51.026				37.67°C	114.92V
60W	**4.198A**	**0.89A**	**0.884A**	**0.391A**	60.01	83.609%	0	<6.0	41.44°C	0.919
	12.040V	5.058V	3.359V	5.113V	71.775				38.4°C	114.92V
80W	**5.678A**	**1.088A**	**1.082A**	**0.489A**	79.983	86.733%	0	<6.0	41.03°C	0.957
	12.037V	5.057V	3.357V	5.11V	92.216				39.29°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	**1.234A**	**0.494A**	**0.491A**	**0.195A**	20.011	71.724%	0	<6.0	43.32°C	0.495
	12.050V	5.058V	3.363V	5.117V	27.903				36.56°C	230.04V
40W	**2.714A**	**0.692A**	**0.687A**	**0.293A**	40.009	78.54%	0	<6.0	44.97°C	0.631
	12.047V	5.056V	3.36V	5.115V	50.957				37.06°C	230.04V
60W	**4.196A**	**0.89A**	**0.884A**	**0.391A**	60.008	83.946%	0	<6.0	47.72°C	0.713
	12.043V	5.056V	3.359V	5.112V	71.489				38.57°C	230.05V
80W	**5.676A**	**1.088A**	**1.081A**	**0.489A**	79.976	87.025%	0	<6.0	49.44°C	0.781
	12.041V	5.055V	3.357V	5.11V	91.902				39.45°C	230.04V

The results above are not used in the certification process

Ripple Measurements

115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	12.31mV	10.40mV	6.61mV	10.65mV	Pass
20% Load	12.26mV	10.40mV	6.71mV	10.39mV	Pass
30% Load	12.57mV	10.61mV	7.07mV	10.09mV	Pass
40% Load	13.43mV	10.66mV	7.88mV	10.44mV	Pass
50% Load	15.78mV	11.02mV	8.19mV	10.90mV	Pass
60% Load	17.96mV	11.12mV	8.24mV	10.90mV	Pass
70% Load	16.69mV	13.16mV	9.87mV	12.13mV	Pass
80% Load	18.77mV	13.82mV	11.90mV	12.02mV	Pass
90% Load	21.12mV	14.18mV	11.80mV	11.57mV	Pass
100% Load	23.56mV	14.08mV	11.60mV	12.63mV	Pass
110% Load	27.38mV	13.72mV	12.16mV	12.17mV	Pass
Crossload1	13.13mV	12.75mV	12.21mV	14.52mV	Pass
Crossload2	15.37mV	15.96mV	8.29mV	14.62mV	Pass

Test	12V	5V	3.3V	5VSB	Pass/Fail
Crossload3	16.03mV	11.94mV	17.65mV	15.84mV	Pass
Crossload4	23.30mV	10.51mV	12.46mV	14.98mV	Pass

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	12.52mV	10.30mV	6.61mV	10.34mV	Pass
20% Load	12.16mV	10.20mV	7.12mV	10.85mV	Pass
30% Load	12.52mV	11.07mV	7.02mV	10.14mV	Pass
40% Load	13.69mV	10.76mV	7.32mV	10.44mV	Pass
50% Load	15.72mV	11.32mV	7.68mV	10.80mV	Pass
60% Load	18.11mV	11.07mV	8.34mV	11.21mV	Pass
70% Load	17.10mV	14.03mV	10.02mV	12.43mV	Pass
80% Load	18.67mV	14.94mV	11.55mV	12.07mV	Pass
90% Load	20.91mV	15.05mV	12.26mV	11.56mV	Pass
100% Load	24.17mV	15.10mV	12.20mV	12.18mV	Pass
110% Load	28.14mV	15.25mV	13.12mV	12.33mV	Pass
Crossload1	12.77mV	13.26mV	12.46mV	14.77mV	Pass
Crossload2	15.27mV	16.78mV	8.24mV	14.72mV	Pass
Crossload3	16.69mV	12.29mV	18.21mV	16.05mV	Pass
Crossload4	22.59mV	11.17mV	9.00mV	15.34mV	Pass

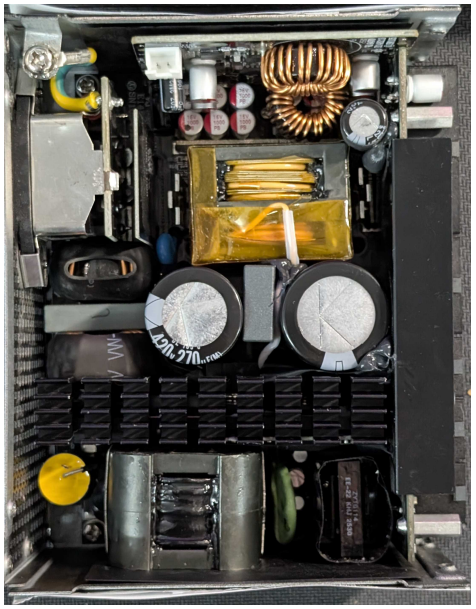
The results above are not used in the certification process

Lian Li SP0850P

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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