Einarex Nexus L1 1000W

Serial Number

Lab ID EX10002634

Certification ID 252634

Test Result Report ID: 24PS2634A

Certificate Issue Date: Nov 9, 2024

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	Einarex
Model	Nexus L1 1000W
OEM/ODM	CWT (GPX Platform)
Serial Number	
Product Specifications	
Manufacturer-Provided Information	
Rated Voltage (Vrms)	100-240

Rated Current (Arms)	8-14
Rated Frequency (Hz)	47-63
Rated Power (W)	1000
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
Semi-Passive Operation	✗
Cybenetics Testing Information	
Lab ID	EX10002634
Date of receipt	Oct 14, 2024
Testing Date	Nov 9, 2024
Report Issued Date	Nov 9, 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 (700mm)	1	2	18AWG	No
6+2 pin PCIe (600mm+150mm)	2	4	18AWG	No
12+4 pin PCIe (600mm) (600W)	1	1	16-24AWG	No
SATA (500mm+150mm+150mm+150mm)	2	8	18AWG	No

4-pin Molex (510mm+150mm+150mm)	1	3	18AWG	No

Protection Features

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	83.5	3	0.3
	Watts	120		999.6	15	3.6
Total Max. Power (W)		1000				

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)	88.421%
Average Noise Output (>1450 Load Combinations)	25.31dBA
Average PF (>1450 Load Combinations)	0.976
Efficiency With 10W (≤500W) or 2% (>500W) Load	63.652%
Standby Power Consumption	0.0396W
Non-Accredited	
12V Ripple (Full Load)	31.67mV
5V Ripple (Full Load)	18.92mV
3.3V Ripple (Full Load)	17.55mV
5VSB Ripple (Full Load)	31.69mV
12V Load Regulation	1.14%
5V Load Regulation	0.66%
3.3V Load Regulation	1.02%
5VSB Load Regulation	3.79%
Inrush Current	32.570A

230V

Accredited	
Average Efficiency (>1450 load combinations)	90.324%
Average Noise Output (>1450 Load Combinations)	24.55dBA
Average PF (>1450 Load Combinations)	0.935
Efficiency With 10W (≤500W) or 2% (>500W) Load	67.372%
Standby Power Consumption	0.0957W
Non-Accredited	
12V Ripple (Full Load)	31.28mV
5V Ripple (Full Load)	18.42mV
3.3V Ripple (Full Load)	18.24mV

5VSB Ripple (Full Load)		28.33mV
12V Load Regulation		1.22%
5V Load Regulation		0.68%
3.3V Load Regulation		1.06%
5VSB Load Regulation		3.77%
Inrush Current		65.500A
12V Transient Response (200%)		11.18V
5V Transient Response (200%)		4.899V
3.3V Transient Response (200%)		3.177V
5VSB Transient Response (200%)		4.838V
Hold-Up Time & PWR_OK Signal		17.10ms
AC Loss to PWR_OK Hold Up Time		15.90ms
PWR_OK Inactive to DC Loss Delay		1.20ms
PSU Timings: T1 (20% / 100%)	23.0ms	23.0ms
PSU Timings: T3 (20% / 100%)	116.0ms	116.0ms
12V OCP (29.4°C / 41.1°C)	103.40A (123.83%), 11.999V	97.80A (117.13%), 12.005V
5V OCP (29.4°C / 41.1°C)	25.3A (126.50%), 4.967V	25A (125.00%), 4.975V
3.3V OCP (29.4°C / 41.1°C)	25.1A (125.50%), 3.311V	25A (125.00%), 3.31V
5VSB OCP (29.4°C / 41.1°C)	4.101A (136.70%), 5.005V	4.1A (136.67%), 5.015V
OPP (29.81°C / 41.81°C)	126.72%	117.70%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	17.1
AC Loss to PWR_OK Hold Up Time (ms)	15.9
PWR_OK Inactive to DC Loss Delay (ms)	1.2

Stromverbrauch im Ruhezustand

Tables

115V

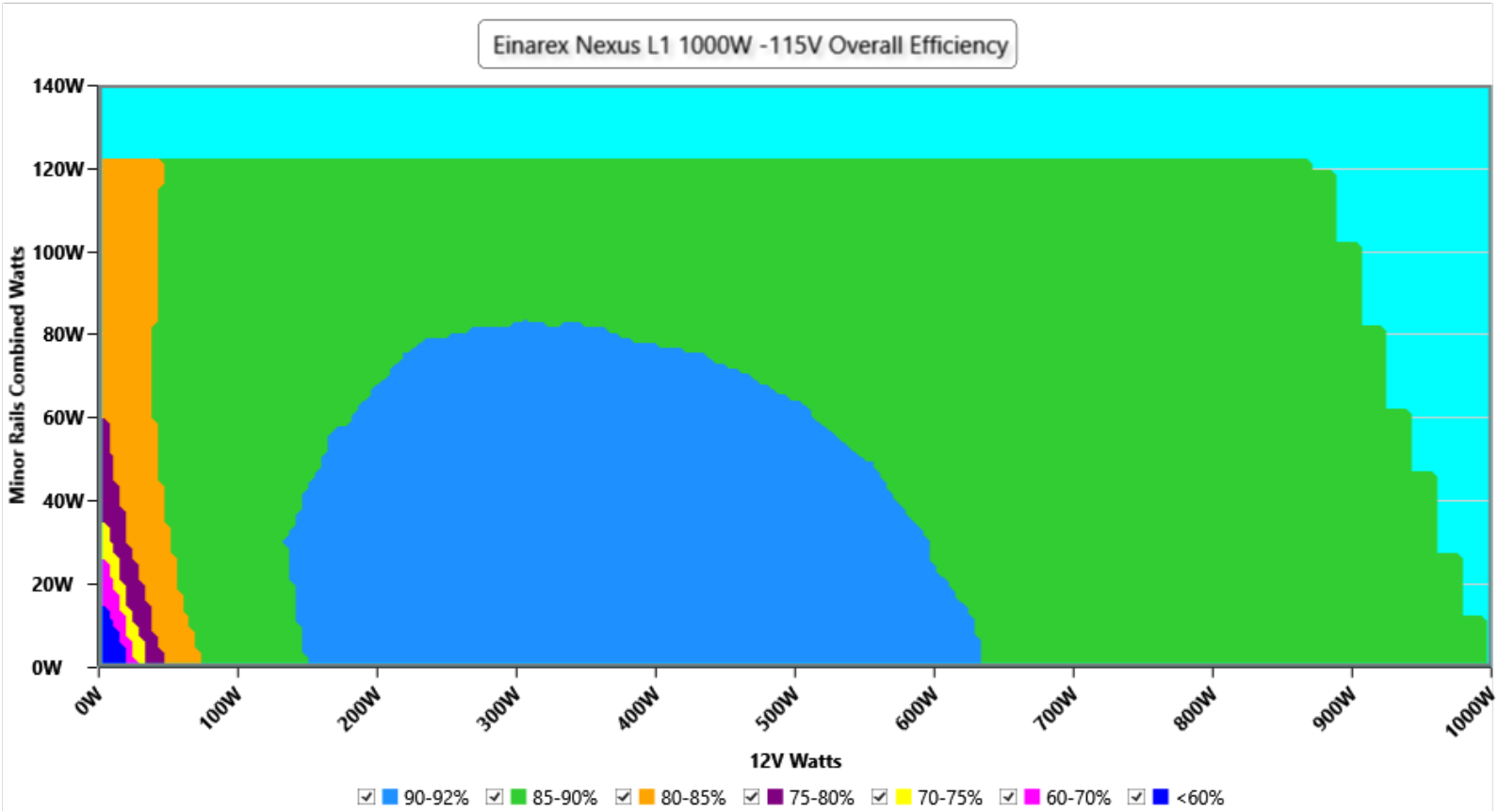
Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.07 V	115.04 V	113.85 V	115.11 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	59.99 Hz	59.40 Hz	60.01 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.416	1.415	1.340	1.418	1.490	PASS
Mains Voltage THD:	0.13 %	0.09 %	N/A	0.17 %	2.00 %	PASS
Real Power:	0.040 W	-0.009 W	N/A	0.075 W	N/A	N/A
Apparent Power:	10.357 W	10.243 W	N/A	10.470 W	N/A	N/A
Power Factor:	0.005	N/A	N/A	N/A	N/A	N/A

230V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	231.03 V	230.93 V	227.70 V	231.09 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 %	0.14 %	N/A	0.26 %	2.00 %	PASS
Real Power:	0.096 W	0.050 W	N/A	0.160 W	N/A	N/A
Apparent Power:	35.362 W	35.088 W	N/A	35.694 W	N/A	N/A
Power Factor:	0.002	N/A	N/A	N/A	N/A	N/A

Efficiency Graph

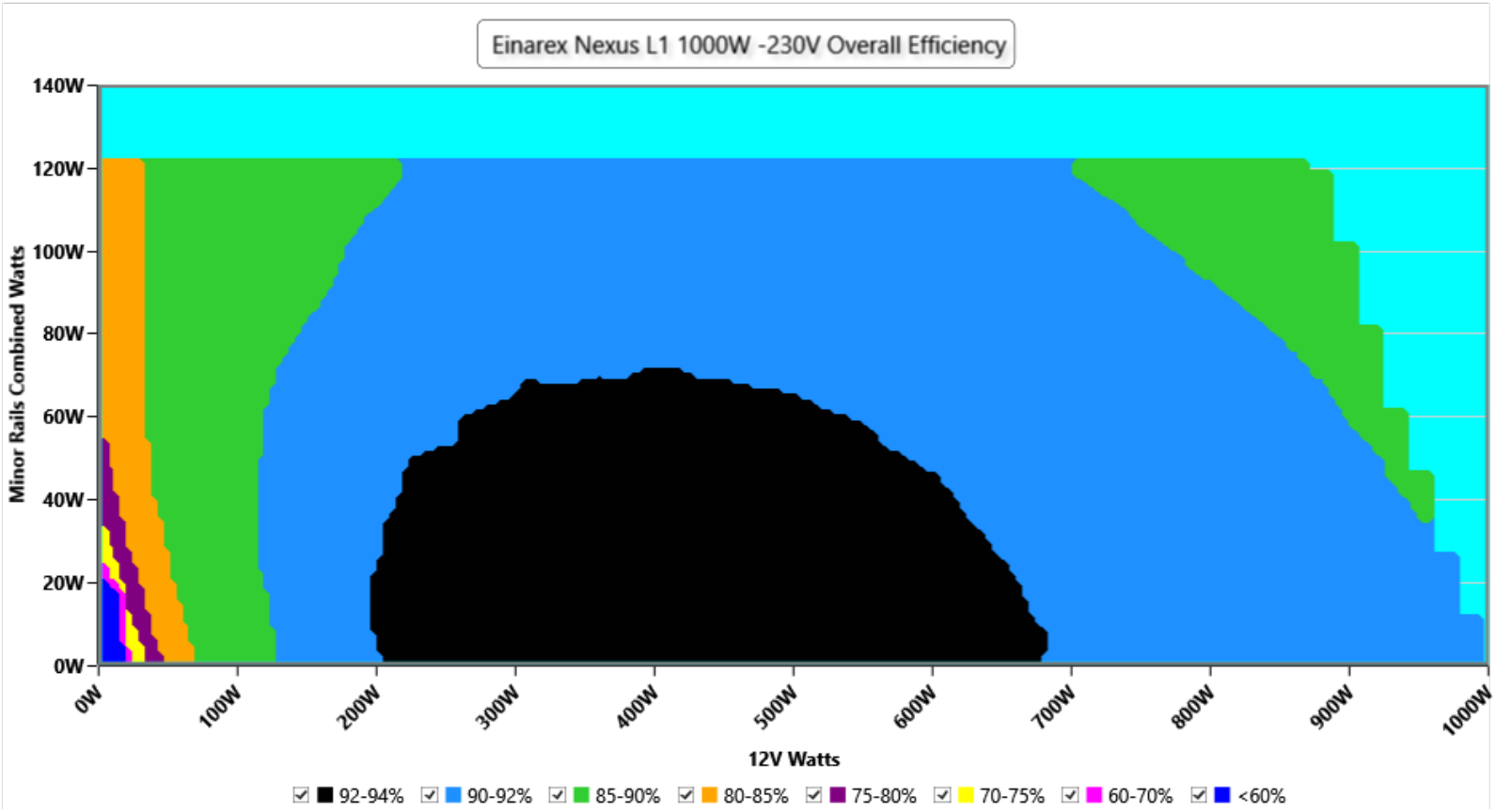
115V



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

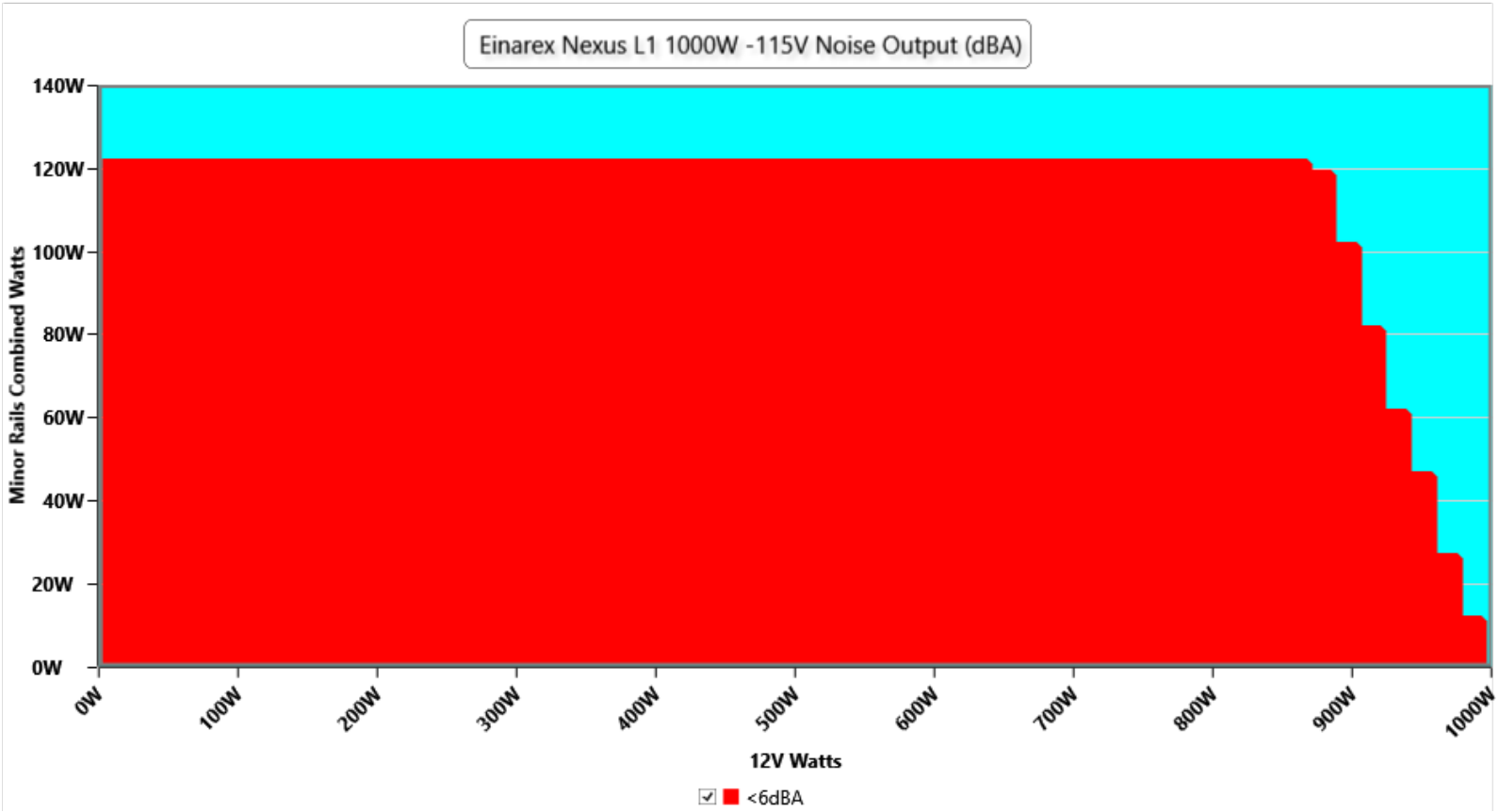


INFO

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Noise Graph

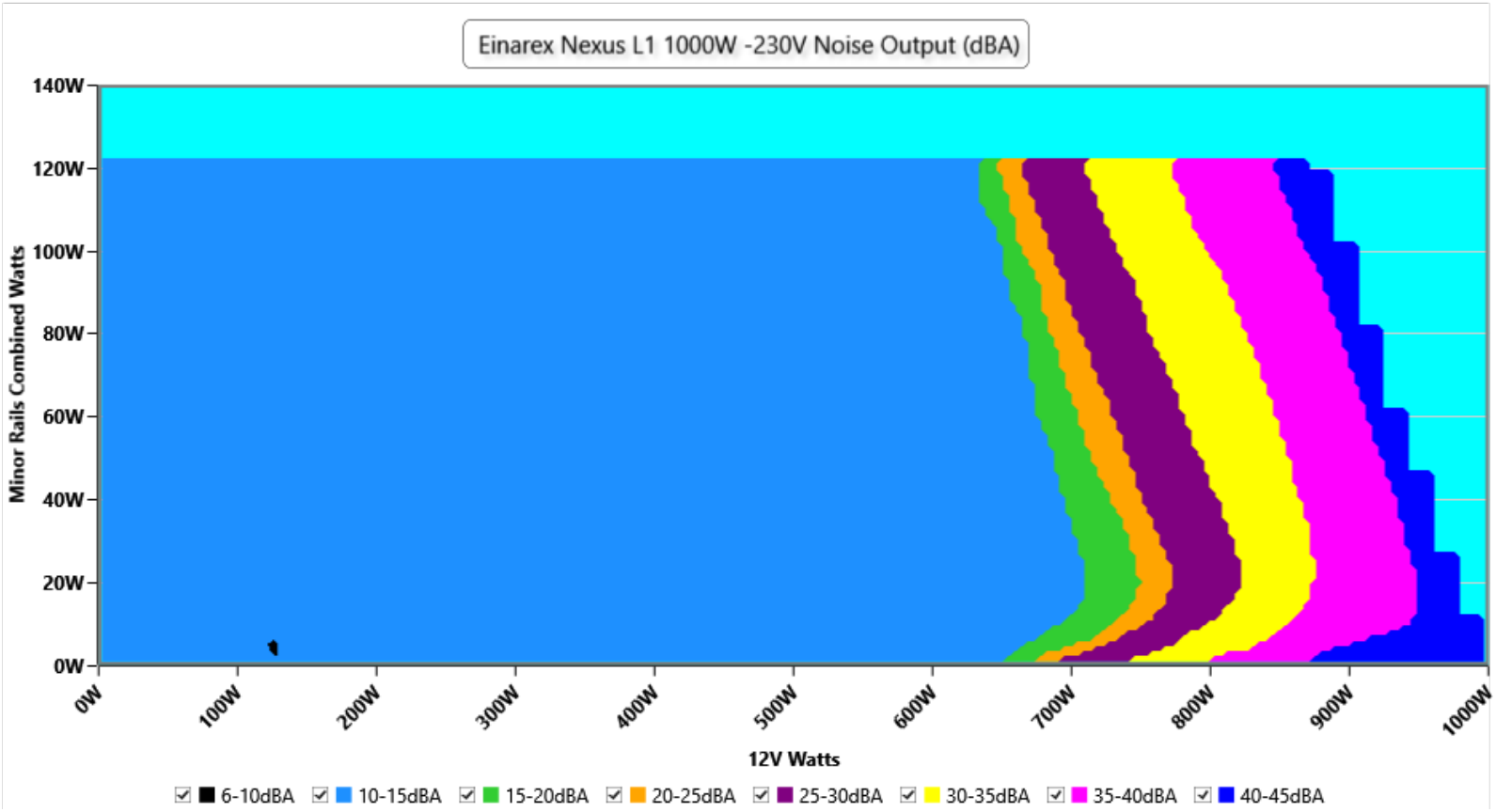
115V



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

Noise under high ambient temperature (indicative)

115V

Load	Normal ambient fan · noise · intake	High ambient fan · noise · intake	Noise change
10%	678 RPM · 9.4 dB(A) · 28.3 °C	712 RPM · 11.9 dB(A) · 40.0 °C	**+2.5 dB(A)**
20%	682 RPM · 9.8 dB(A) · 29.3 °C	717 RPM · 12.2 dB(A) · 40.9 °C	**+2.4 dB(A)**
50%	686 RPM · 10.4 dB(A) · 29.8 °C	730 RPM · 12.9 dB(A) · 42.1 °C	**+2.5 dB(A)**
100%	1607 RPM · 37.5 dB(A) · 30.9 °C	2163 RPM · 45.4 dB(A) · 45.8 °C	**+7.9 dB(A)**

230V

Load	Normal ambient fan · noise · intake	High ambient fan · noise · intake	Noise change
10%	673 RPM · 9.1 dB(A) · 30.4 °C	716 RPM · 12.1 dB(A) · 40.2 °C	**+3.0 dB(A)**
20%	676 RPM · 9.3 dB(A) · 30.4 °C	720 RPM · 12.4 dB(A) · 40.8 °C	**+3.1 dB(A)**
50%	683 RPM · 10.0 dB(A) · 30.9 °C	731 RPM · 13.0 dB(A) · 42.3 °C	**+3.0 dB(A)**
100%	1557 RPM · 36.5 dB(A) · 30.4 °C	2165 RPM · 45.4 dB(A) · 45.3 °C	**+8.9 dB(A)**

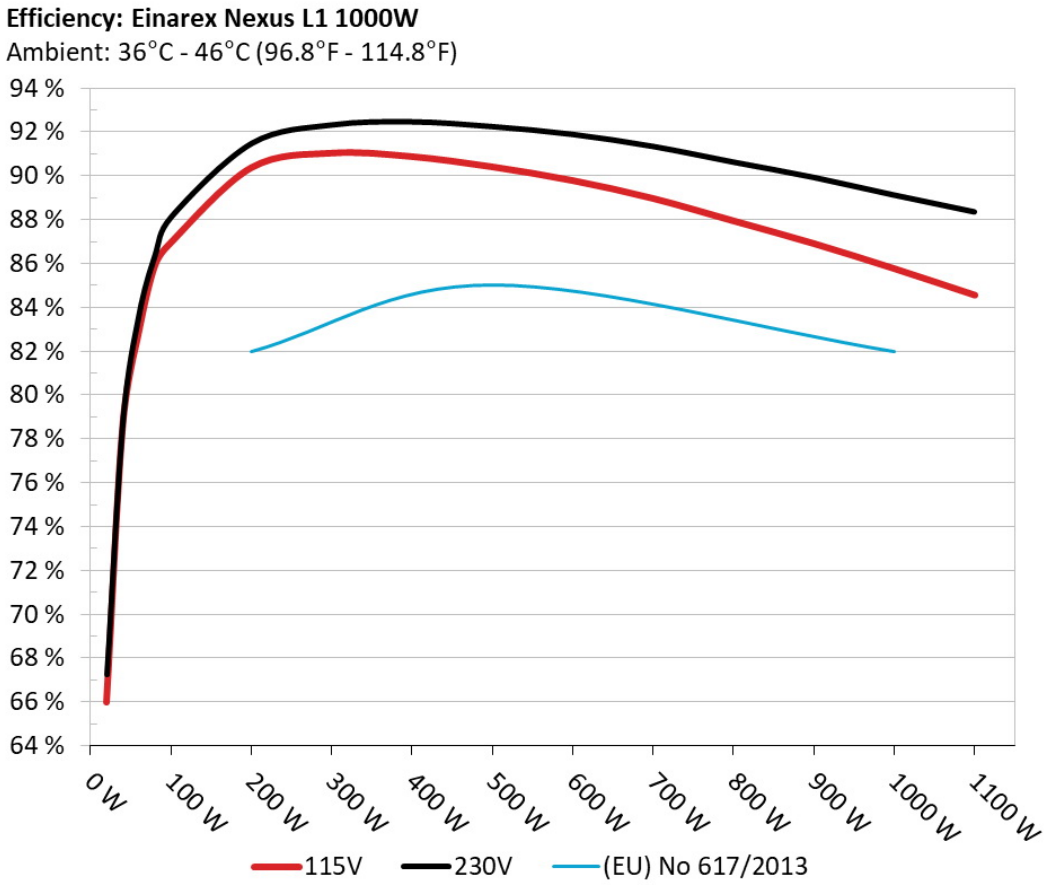
INFO

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: the fan is stopped or too quiet to measure (the fan speed column says which); 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

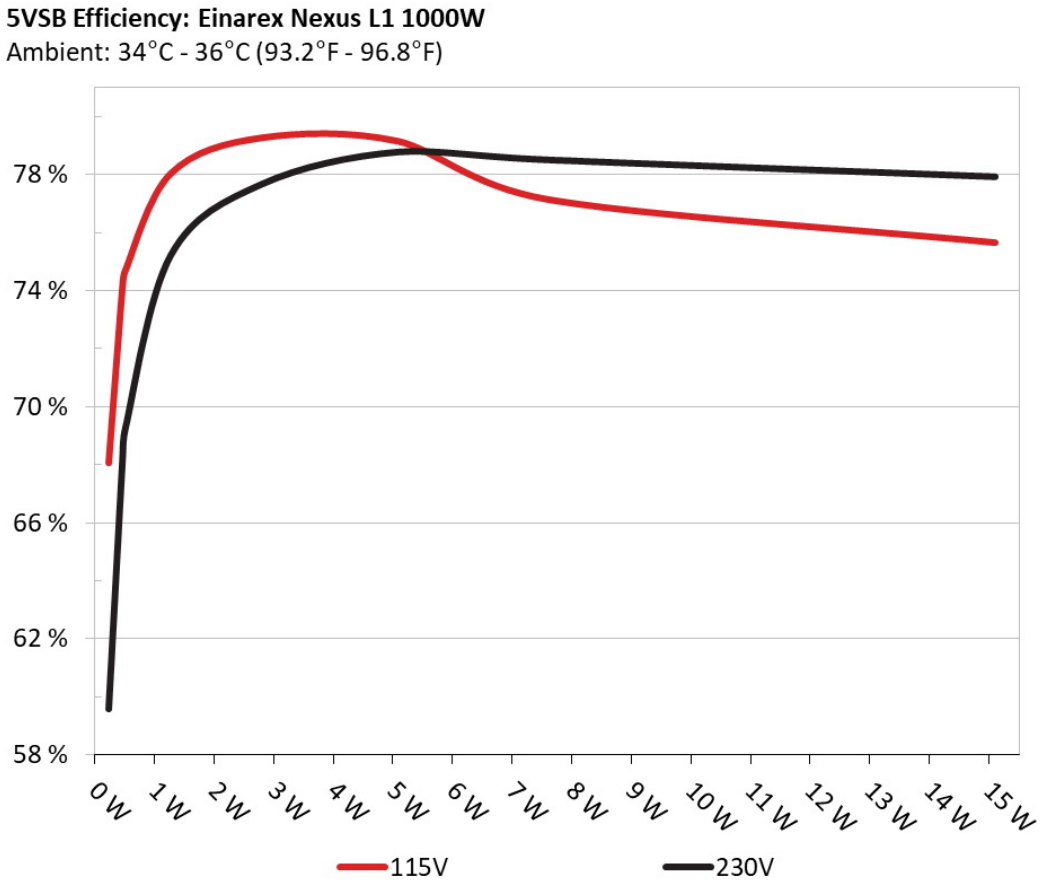
Efficiency under high ambient temperature



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**	0.23W	68.084%	0.032
	5.101V	0.337W		114.85V
2	**0.09A**	0.459W	74.108%	0.059
	5.1V	0.619W		114.85V
3	**0.55A**	2.8W	79.276%	0.264
	5.09V	3.532W		114.84V
4	**1A**	5.081W	79.16%	0.365
	5.08V	6.418W		114.84V
5	**1.5A**	7.603W	77.153%	0.415
	5.068V	9.854W		114.83V
6	**3.001A**	15.109W	75.666%	0.486
	5.035V	19.968W		114.83V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	**0.045A**	0.23W	59.569%	0.011
	5.1V	0.387W		229.83V
2	**0.09A**	0.459W	68.081%	0.019
	5.099V	0.675W		229.84V
3	**0.55A**	2.8W	77.661%	0.099
	5.09V	3.605W		229.83V
4	**1A**	5.081W	78.768%	0.165
	5.08V	6.449W		229.83V
5	**1.5A**	7.604W	78.498%	0.213
	5.069V	9.687W		229.83V
6	**3.001A**	15.111W	77.915%	0.325
	5.036V	19.395W		229.82V

Protection Features

OCP (Normal @ 29.4°C)	12V: 103.4A (123.83%), 11.999V 5V: 25.3A (126.5%), 4.967V 3.3V: 25.1A (125.5%), 3.311V 5VSB: 4.101A (136.7%), 5.005V
OCP (Hot @ 41.1°C)	12V: 97.8A (117.13%), 12.005V 5V: 25A (125%), 4.975V 3.3V: 25A (125%), 3.31V 5VSB: 4.1A (136.67%), 5.015V
OPP (Normal @ 29.8°C)	1267.15W (126.72%)
OPP (Hot @ 41.8°C)	1177.05W (117.7%)
OTP	✓ (130°C @ 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 & 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%	**6.527A**	**1.989A**	**1.972A**	**0.986A**	100.003	86.956%	712	11.9	40.04°C	0.96
	12.013V	5.026V	3.347V	5.07V	115.006				46.27°C	114.81V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
20%	**14.090A**	**2.987A**	**2.961A**	**1.187A**	199.958	90.376%	717	12.2	40.88°C	0.973
	11.998V	5.023V	3.344V	5.054V	221.25				50.89°C	114.77V
30%	**22.026A**	**3.486A**	**3.457A**	**1.389A**	300.012	91.045%	721	12.4	41.46°C	0.976
	11.984V	5.02V	3.341V	5.039V	329.522				56.82°C	114.75V
40%	**29.941A**	**3.986A**	**3.955A**	**1.593A**	399.583	90.885%	725	12.7	41.97°C	0.974
	11.970V	5.017V	3.338V	5.022V	439.661				62.83°C	114.71V
50%	**37.541A**	**4.986A**	**4.948A**	**1.799A**	499.303	90.419%	730	12.9	42.06°C	0.976
	11.955V	5.015V	3.335V	5.004V	552.206				69.61°C	114.67V
60%	**45.228A**	**5.986A**	**5.943A**	**2A**	599.82	89.79%	736	13.3	42.64°C	0.978
	11.941V	5.012V	3.332V	4.987V	668.017				77.88°C	114.64V
70%	**52.865A**	**6.989A**	**6.942A**	**2.214A**	699.57	88.975%	845	17.7	43.14°C	0.98
	11.926V	5.009V	3.328V	4.97V	786.251				83.64°C	114.59V
80%	**60.588A**	**7.992A**	**7.942A**	**2.322A**	799.589	87.951%	1400	33.8	43.56°C	0.982
	11.912V	5.004V	3.324V	4.954V	909.14				75.96°C	114.56V
90%	**68.668A**	**8.498A**	**8.431A**	**2.43A**	899.37	86.918%	1919	42.5	44.45°C	0.983
	11.897V	5.001V	3.321V	4.939V	1034.728				72.29°C	114.51V
100%	**76.566A**	**9.003A**	**8.952A**	**3.055A**	999.386	85.773%	2163	45.4	45.77°C	0.984
	11.882V	4.998V	3.318V	4.911V	1165.149				73.08°C	114.47V
110%	**84.418A**	**10.012A**	**10.049A**	**3.064A**	1099.987	84.56%	2161	45.3	46.29°C	0.986
	11.866V	4.994V	3.313V	4.896V	1300.817				76.95°C	114.43V
CL1	**0.117A**	**14.413A**	**14.328A**	**0A**	121.301	81.76%	748	14	43.04°C	0.97
	12.006V	5.01V	3.329V	5.081V	148.362				64.89°C	114.78V
CL2	**0.115A**	**19.935A**	**0A**	**0A**	101.349	79.975%	746	13.9	42.46°C	0.965
	12.016V	5.014V	3.345V	5.089V	126.727				58.44°C	114.8V
CL3	**0.115A**	**0A**	**19.812A**	**0A**	67.384	74.742%	727	12.8	42.28°C	0.958
	12.015V	5.023V	3.331V	5.089V	90.154				55.71°C	114.81V
CL4	**84.073A**	**0A**	**0A**	**0.001A**	999.94	86.532%	2167	45.4	46.46°C	0.985
	11.894V	5.015V	3.334V	4.995V	1155.578				70.53°C	114.49V

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%	**6.527A**	**1.989A**	**1.972A**	**0.986A**	100.006	87.686%	716	12.1	40.17°C	0.839
	12.013V	5.027V	3.347V	5.07V	114.048				44.7°C	229.82V
20%	**14.091A**	**2.987A**	**2.961A**	**1.187A**	199.962	91.47%	720	12.4	40.76°C	0.913
	11.997V	5.023V	3.343V	5.054V	218.609				47.48°C	229.8V
30%	**22.029A**	**3.486A**	**3.458A**	**1.389A**	300.023	92.318%	723	12.5	41.4°C	0.932
	11.983V	5.02V	3.341V	5.039V	324.985				50.76°C	229.78V
40%	**29.947A**	**3.986A**	**3.955A**	**1.593A**	399.62	92.458%	727	12.8	41.84°C	0.943
	11.968V	5.018V	3.338V	5.022V	432.217				54.35°C	229.77V
50%	**37.550A**	**4.986A**	**4.948A**	**1.799A**	499.332	92.244%	731	13	42.33°C	0.947
	11.953V	5.015V	3.335V	5.005V	541.317				58.26°C	229.75V
60%	**45.242A**	**5.986A**	**5.944A**	**2A**	599.853	91.885%	735	13.2	42.84°C	0.952
	11.937V	5.012V	3.332V	4.988V	652.834				62.95°C	229.73V
70%	**52.882A**	**6.989A**	**6.942A**	**2.213A**	699.598	91.337%	758	14.4	43.31°C	0.956
	11.923V	5.009V	3.328V	4.971V	765.951				67.8°C	229.72V
80%	**60.611A**	**7.992A**	**7.942A**	**2.321A**	799.609	90.623%	1355	32.9	43.85°C	0.959
	11.908V	5.004V	3.324V	4.955V	882.35				63.9°C	229.69V
90%	**68.700A**	**8.498A**	**8.431A**	**2.43A**	899.395	89.929%	1853	41.1	44.42°C	0.962
	11.891V	5.001V	3.321V	4.94V	1000.125				61.71°C	229.68V
100%	**76.616A**	**9.004A**	**8.952A**	**3.054A**	999.401	89.124%	2165	45.4	45.3°C	0.964
	11.875V	4.998V	3.317V	4.912V	1121.371				61.87°C	229.66V
110%	**84.478A**	**10.012A**	**10.049A**	**3.063A**	1100.012	88.352%	2168	45.4	46.28°C	0.966
	11.858V	4.994V	3.313V	4.898V	1245.029				65.24°C	229.64V
CL1	**0.117A**	**14.415A**	**14.33A**	**0A**	121.307	82.404%	752	14.2	44.84°C	0.874
	12.007V	5.009V	3.328V	5.081V	147.208				60.42°C	229.81V
CL2	**0.117A**	**19.939A**	**0A**	**0A**	101.354	80.379%	752	14.2	44.4°C	0.854
	12.016V	5.013V	3.344V	5.089V	126.096				57.5°C	229.81V
CL3	**0.115A**	**0A**	**19.815A**	**0A**	67.387	75.026%	732	13.1	43.37°C	0.801
	12.016V	5.023V	3.331V	5.089V	89.821				54.97°C	229.82V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
CL4	**84.103A**	**0A**	**0A**	**0.001A**	999.975	89.938%	2164	45.4	44.43°C	0.964
	11.890V	5.015V	3.335V	4.997V	1111.844				60.06°C	229.66V

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**	**0.497A**	**0.492A**	**0.196A**	20.003	65.973%	695	10.8	36.1°C	0.878
	12.011V	5.031V	3.352V	5.097V	30.319				38.84°C	114.82V
40W	**2.722A**	**0.696A**	**0.689A**	**0.295A**	40.004	78.567%	702	11.3	37.6°C	0.927
	12.013V	5.03V	3.351V	5.093V	50.918				41.13°C	114.82V
60W	**4.205A**	**0.895A**	**0.887A**	**0.393A**	60.004	82.866%	705	11.5	38.41°C	0.95
	12.018V	5.029V	3.35V	5.089V	72.409				42.8°C	114.81V
80W	**5.686A**	**1.094A**	**1.084A**	**0.492A**	79.951	85.885%	709	11.7	39.53°C	0.959
	12.016V	5.028V	3.349V	5.085V	93.09				44.59°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	**1.236A**	**0.497A**	**0.492A**	**0.196A**	20	67.249%	696	10.9	36.29°C	0.497
	12.013V	5.032V	3.352V	5.097V	29.76				36.51°C	229.83V
40W	**2.720A**	**0.696A**	**0.689A**	**0.295A**	40.001	78.841%	704	11.4	37.47°C	0.661
	12.019V	5.031V	3.351V	5.093V	50.737				39.16°C	229.84V
60W	**4.204A**	**0.895A**	**0.886A**	**0.393A**	60.002	83.672%	708	11.7	38.42°C	0.755
	12.019V	5.03V	3.35V	5.089V	71.709				40.95°C	229.83V
80W	**5.686A**	**1.094A**	**1.084A**	**0.492A**	79.949	86.383%	713	12	39.33°C	0.806
	12.016V	5.029V	3.349V	5.084V	92.553				43.03°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	20.46mV	15.76mV	15.70mV	12.16mV	Pass
20% Load	20.26mV	15.19mV	15.19mV	11.39mV	Pass
30% Load	21.02mV	15.86mV	15.96mV	15.75mV	Pass
40% Load	22.35mV	16.11mV	16.52mV	14.47mV	Pass
50% Load	19.64mV	17.24mV	17.24mV	17.96mV	Pass
60% Load	20.36mV	16.78mV	16.32mV	17.65mV	Pass
70% Load	20.97mV	17.76mV	17.34mV	23.24mV	Pass
80% Load	21.27mV	17.96mV	17.91mV	22.53mV	Pass
90% Load	23.89mV	18.38mV	17.49mV	27.55mV	Pass
100% Load	31.67mV	18.92mV	17.55mV	31.69mV	Pass
110% Load	33.70mV	20.52mV	19.23mV	31.64mV	Pass
Crossload1	34.16mV	17.20mV	19.19mV	10.86mV	Pass
Crossload2	23.12mV	20.68mV	16.26mV	10.11mV	Pass
Crossload3	22.45mV	16.06mV	19.39mV	9.49mV	Pass
Crossload4	30.28mV	18.78mV	17.72mV	16.94mV	Pass

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	20.97mV	16.37mV	16.57mV	12.83mV	Pass
20% Load	19.59mV	16.73mV	16.26mV	10.72mV	Pass
30% Load	20.67mV	14.88mV	14.88mV	14.98mV	Pass
40% Load	18.52mV	15.29mV	14.42mV	13.19mV	Pass
50% Load	21.28mV	15.96mV	16.11mV	19.65mV	Pass
60% Load	18.67mV	17.65mV	15.55mV	17.08mV	Pass

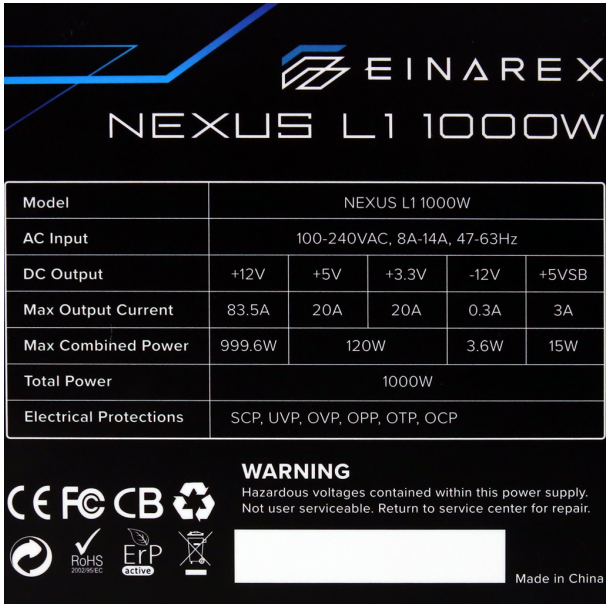
Test	12V	5V	3.3V	5VSB	Pass/Fail
70% Load	19.49mV	16.17mV	16.16mV	23.24mV	Pass
80% Load	21.63mV	18.06mV	18.16mV	24.12mV	Pass
90% Load	23.37mV	18.12mV	17.75mV	26.06mV	Pass
100% Load	31.28mV	18.42mV	18.24mV	28.33mV	Pass
110% Load	32.22mV	19.98mV	18.68mV	30.07mV	Pass
Crossload1	32.99mV	16.82mV	18.46mV	10.89mV	Pass
Crossload2	21.07mV	19.91mV	14.06mV	9.85mV	Pass
Crossload3	22.15mV	14.58mV	18.42mV	9.90mV	Pass
Crossload4	30.46mV	18.33mV	17.05mV	16.50mV	Pass

The results above are not used in the certification process

Einarex Nexus L1 1000W



Top side



Power specifications label

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