SilverStone

SilverStone Extreme 1000Rz Platinum

Serial Number -

Lab ID SL10002918

Certification ID 252918

Test Result Report ID: 25PS2918A

Certificate Issue Date: Aug 6, 2025

Scheme: ETA-EMI PSU

115V: CYBENETICS PLATINUM

230V: CYBENETICS PLATINUM 230v

Scheme: LAMBDA PSU

115V: CYBENETICS A

230V: CYBENETICS A 230v

CYBENETICS ATX 3.1 PASS

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	SilverStone
Model	Extreme 1000Rz Platinum
OEM/ODM	High Power
Serial Number	-
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)	
Type	SFX
Cable Design	Fully Modular
Warranty	-
Cybenetics Measurements	
Dimensions (W x H x D)	
Weight	
Cooling	92mm Fluid Dynamic Bearing Fan (S0921512HHB)
Semi-Passive Operation	✓ (selectable)
Cybenetics Testing Information	
Lab ID	SL10002918
Date of receipt	Jul 22, 2025
Testing Date	Aug 5, 2025
Report Issued Date	Aug 6, 2025
DUT Notes	Product Number: SST-EX1000R-PM
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**	In Cable Capacitors
ATX connector 20+4 pin (300mm)	1	1	16-18AWG	No
4+4 pin ATX12V (400mm)	2	2	16AWG	No
6+2 pin PCIe (400mm+150mm)	1	2	16-18AWG	No
2x 6+2 pin PCIe (400mm)	2	2	18AWG	No
12+4 pin PCIe (400mm) (600W)	1	1	16-24AWG	No
SATA (300mm+200mm+100mm+100mm)	1	4	18AWG	No

4-pin Molex (300mm+200mm+200mm) / FDD (+100mm)	1	3 / 1	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	83.3	3	0.3
	Watts	100		1000	15	3.6
Total Max. Power (W)		1000				

Parts Description

General Data	
Manufacturer (OEM)	High Power
PCB Type	Double-Sided
Primary Side	
Transient Filter	4x Y caps, 2x X caps, 2x CM chokes, 1x MOV, 1x Discharger ICHF81
Inrush Protection	1x NTC Thermistor & Relay
Bridge Rectifier(s)	1x
APFC MOSFETs	1x Infineon IPZ60R040C7 (650V, 32A @ 100°C, Rds(on): 0.040Ohm)
APFC Boost Diode	1x Macrocore HX1D10065A (650V, 10A @ 150°C)
Bulk Cap(s)	1x Nippon Chemi-con (420V, 560uF, 2,000h @ 105°C,KHE)
Main Switchers	2x Infineon IPP60R070CFD7 (650V, 20A @ 100°C, Rds(on): 0.07Ohm)
APFC Controller	1x
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	6x Toshiba TPHR8504PL (40V, 150A @ 25°C, Rds(on): 1.4mOhm)
5V & 3.3V	DC-DC Converters: 6x Infineon BSC0906NS (30V, 40A @ 100°C, Rds(on): 4.5mOhm) PWM Controller(s): uPI Semi uP3861P
Filtering Capacitors	Electrolytic: 4x Rubycon (6-10,000h @105°C, ZLH) 1x Rubycon (3-6,000h @105°C, YXG) Polymer: 21x FPCAP
Supervisor IC	1x
MCU/Fan Controller	STCMicro STC115W401AS
Fan Model	Globe Fan S0921512HHB (92mm, 12V, 0.5A, Fluid Dynamic Bearing Fan)
5VSB	
Rectifier(s)	1x Infineon IPD70R1K4P7S (700V, 2.5A @ 100°C, Rds(on): 1.4mOhm) & 1x Vishay RS1D (140V, 30A @ 150°C) & 1x Dongke DK5V45R15V (45V, 15mOhm)
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)	89.988%
Average Noise Output (>1450 Load Combinations)	21.34dBA
Average PF (>1450 Load Combinations)	0.993
Efficiency With 10W (≤500W) or 2% (>500W) Load	64.838%
Standby Power Consumption	0.0853W
Non-Accredited	
12V Ripple (Full Load)	35.97mV
5V Ripple (Full Load)	11.96mV
3.3V Ripple (Full Load)	10.29mV
5VSB Ripple (Full Load)	13.56mV
12V Load Regulation	1.50%
5V Load Regulation	0.99%
3.3V Load Regulation	0.98%
5VSB Load Regulation	2.27%
Inrush Current	31.740A

230V

Accredited	
Average Efficiency (>1450 load combinations)	91.830%
Average Noise Output (>1450 Load Combinations)	20.27dBA
Average PF (>1450 Load Combinations)	0.969
Efficiency With 10W (≤500W) or 2% (>500W) Load	66.830%
Standby Power Consumption	0.1627W
Non-Accredited	
12V Ripple (Full Load)	33.46mV
5V Ripple (Full Load)	11.10mV
3.3V Ripple (Full Load)	9.86mV

5VSB Ripple (Full Load)	11.97mV	
12V Load Regulation	1.57%	
5V Load Regulation	1.01%	
3.3V Load Regulation	0.98%	
5VSB Load Regulation	2.33%	
Inrush Current	58.060A	
12V Transient Response (200%)	11.52V	
5V Transient Response (200%)	4.903V	
3.3V Transient Response (200%)	3.196V	
5VSB Transient Response (200%)	4.934V	
Hold-Up Time & PWR_OK Signal	17.00ms	
AC Loss to PWR_OK Hold Up Time	14.30ms	
PWR_OK Inactive to DC Loss Delay	2.70ms	
PSU Timings: T1 (20% / 100%)	99.0ms	92.0ms
PSU Timings: T3 (20% / 100%)	122.0ms	123.0ms
12V OCP (28.7°C / 45.5°C)	119.20A (143.10%), 11.975V	112.20A (134.69%), 11.998V
5V OCP (28.7°C / 45.5°C)	24A (120.00%), 4.952V	23.2A (116.00%), 4.955V
3.3V OCP (28.7°C / 45.5°C)	23.8A (119.00%), 3.283V	22.6A (113.00%), 3.283V
5VSB OCP (28.7°C / 45.5°C)	5.1A (170.00%), 5.019V	5A (166.67%), 5.017V
OPP (28.27°C / 43.72°C)	141.55%	134.35%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	17
AC Loss to PWR_OK Hold Up Time (ms)	14.3
PWR_OK Inactive to DC Loss Delay (ms)	2.7

Stromverbrauch im Ruhezustand

Tables

115V

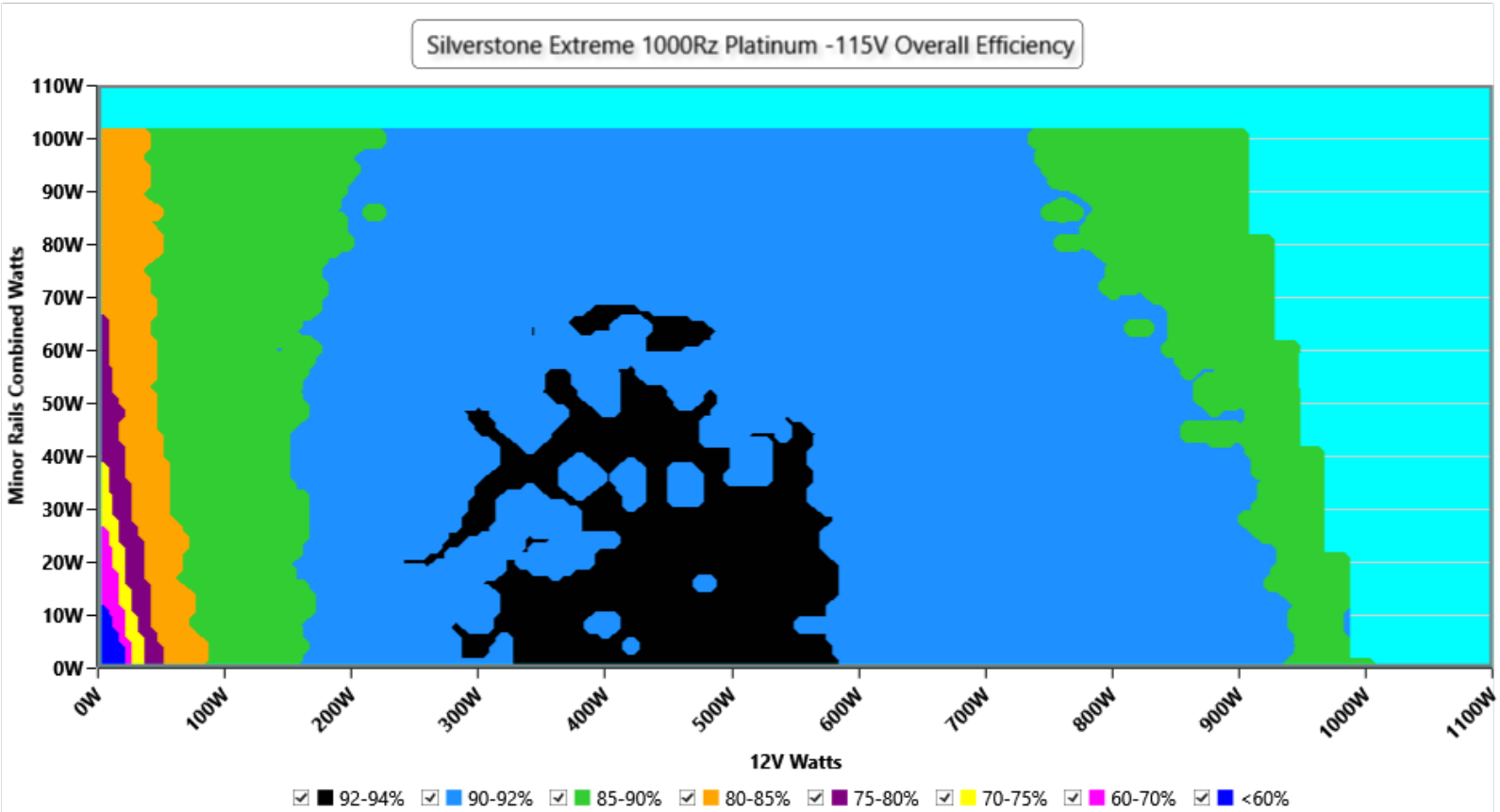
Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.08 V	115.04 V	113.85 V	115.13 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	59.99 Hz	59.40 Hz	60.01 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.416	1.415	1.340	1.418	1.490	PASS
Mains Voltage THD:	0.13 %	0.09 %	N/A	0.20 %	2.00 %	PASS
Real Power:	0.085 W	0.043 W	N/A	0.123 W	N/A	N/A
Apparent Power:	9.188 W	8.711 W	N/A	9.703 W	N/A	N/A
Power Factor:	0.011	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	230.93 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 %	0.14 %	N/A	0.28 %	2.00 %	PASS
Real Power:	0.163 W	0.086 W	N/A	0.256 W	N/A	N/A
Apparent Power:	29.541 W	28.974 W	N/A	30.146 W	N/A	N/A
Power Factor:	0.005	N/A	N/A	N/A	N/A	N/A

Efficiency Graph

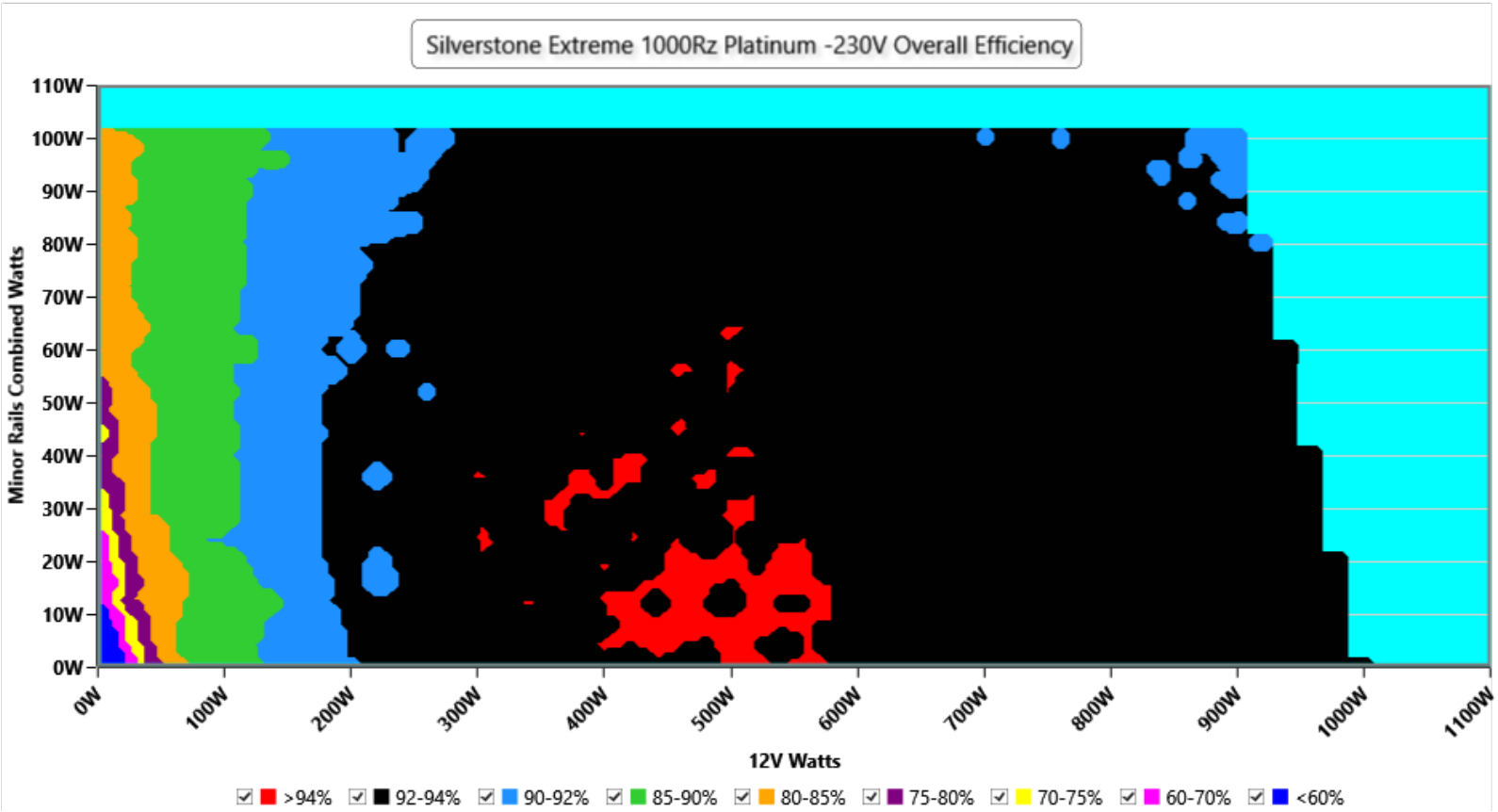
115V



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

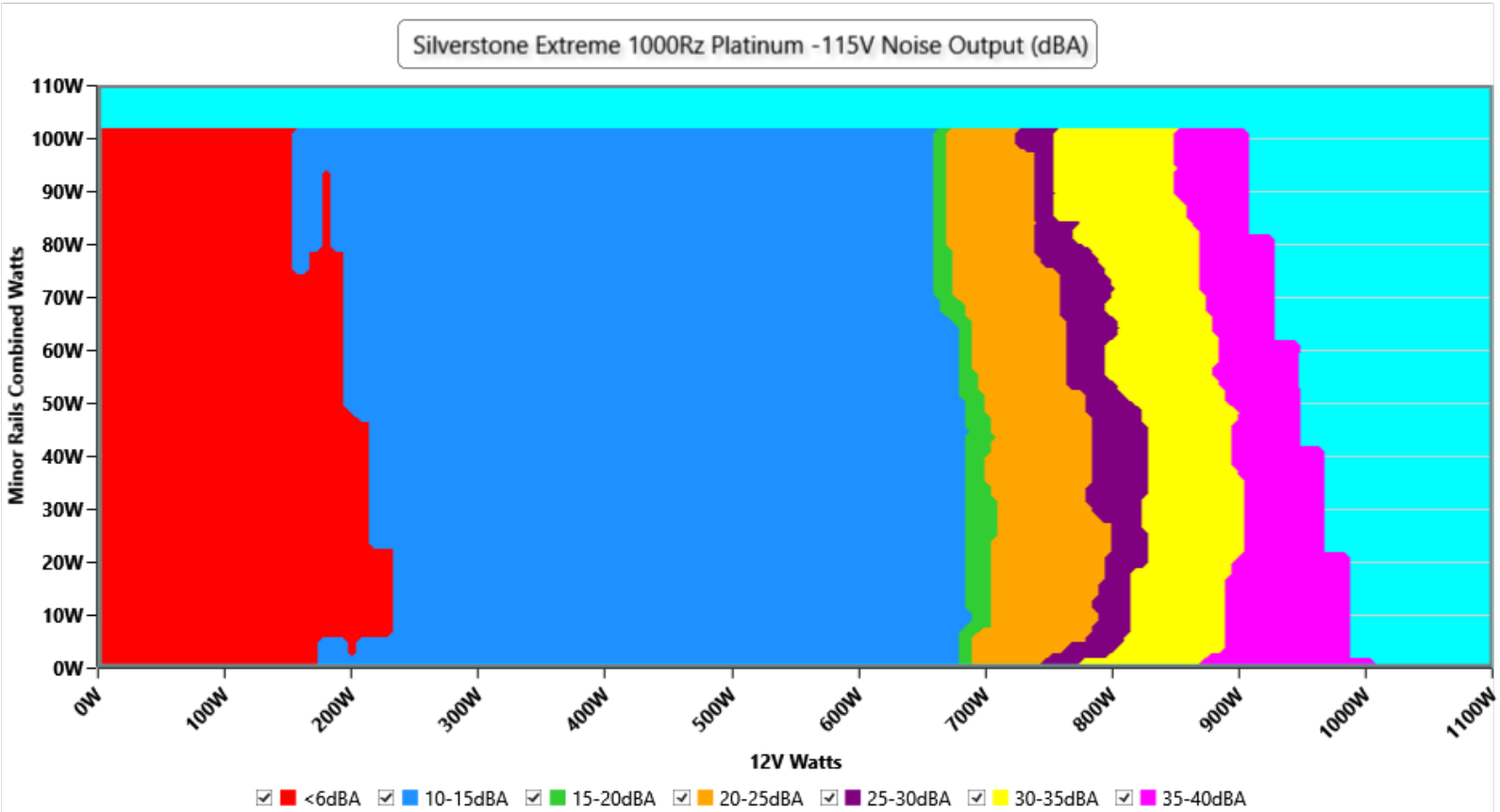


INFO

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

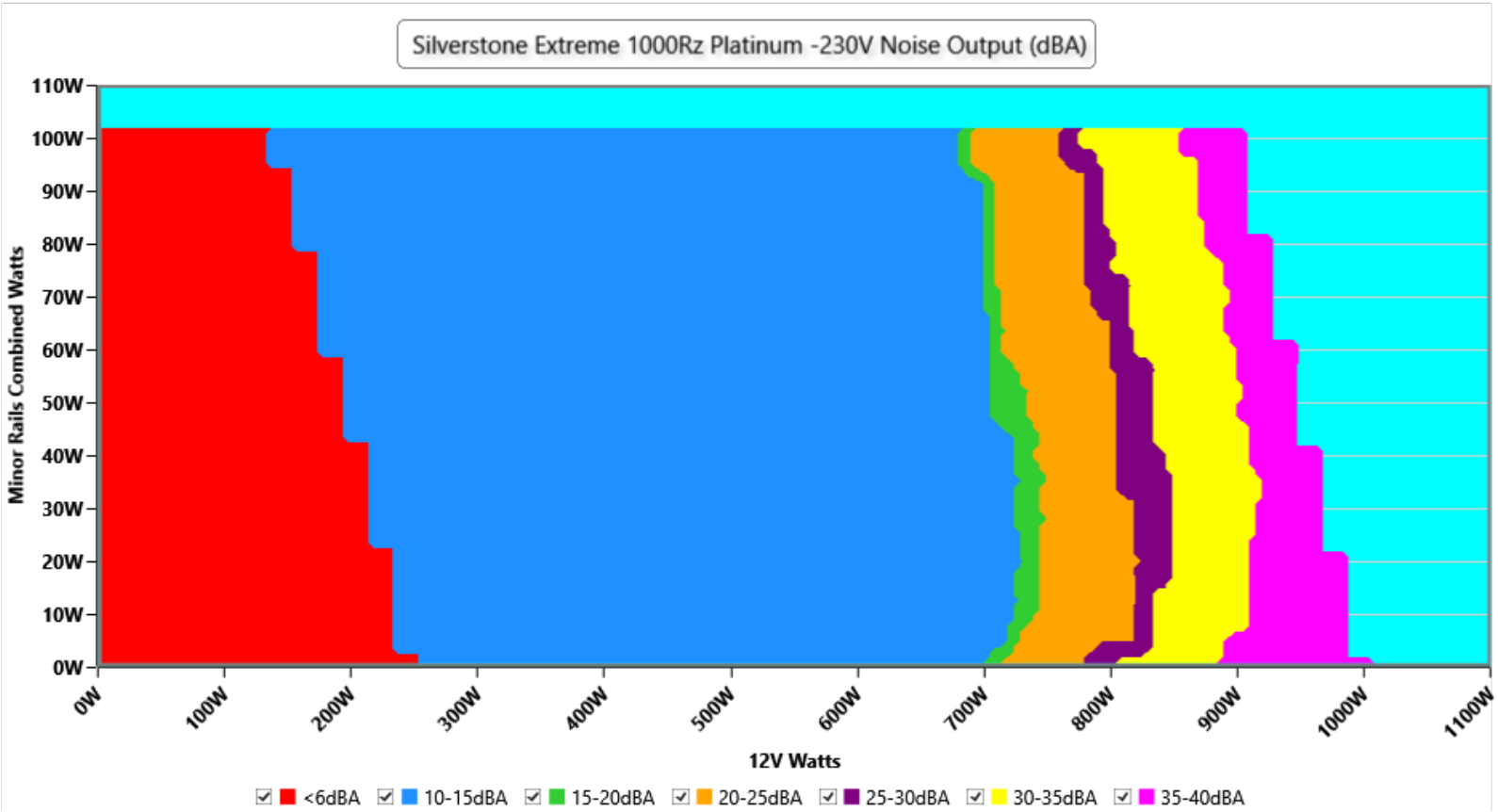
115V



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

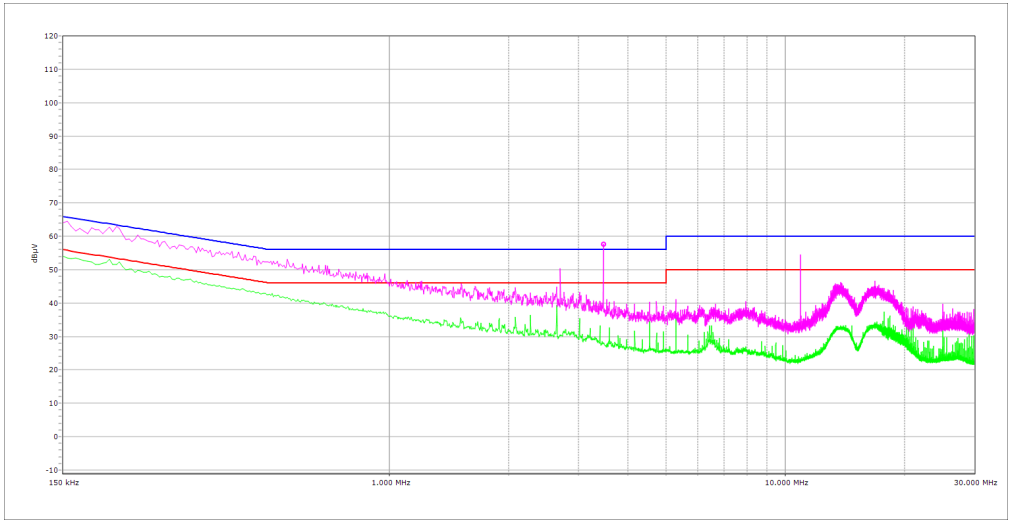
230V



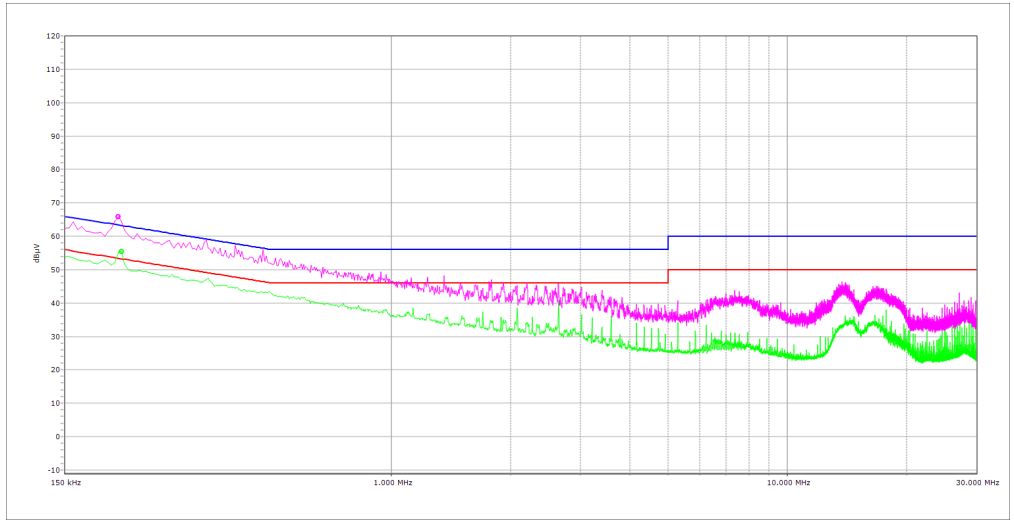
INFO

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



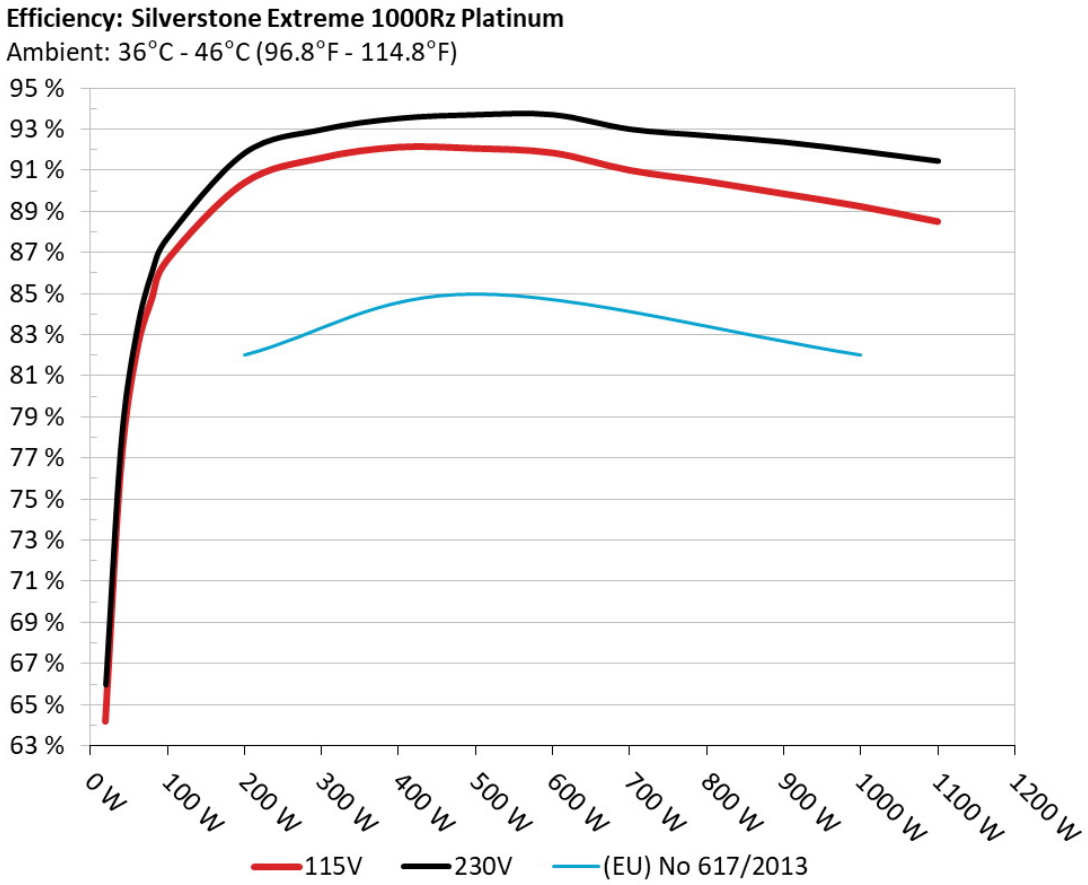
NEUTRAL



PHASE

Indicative Performance

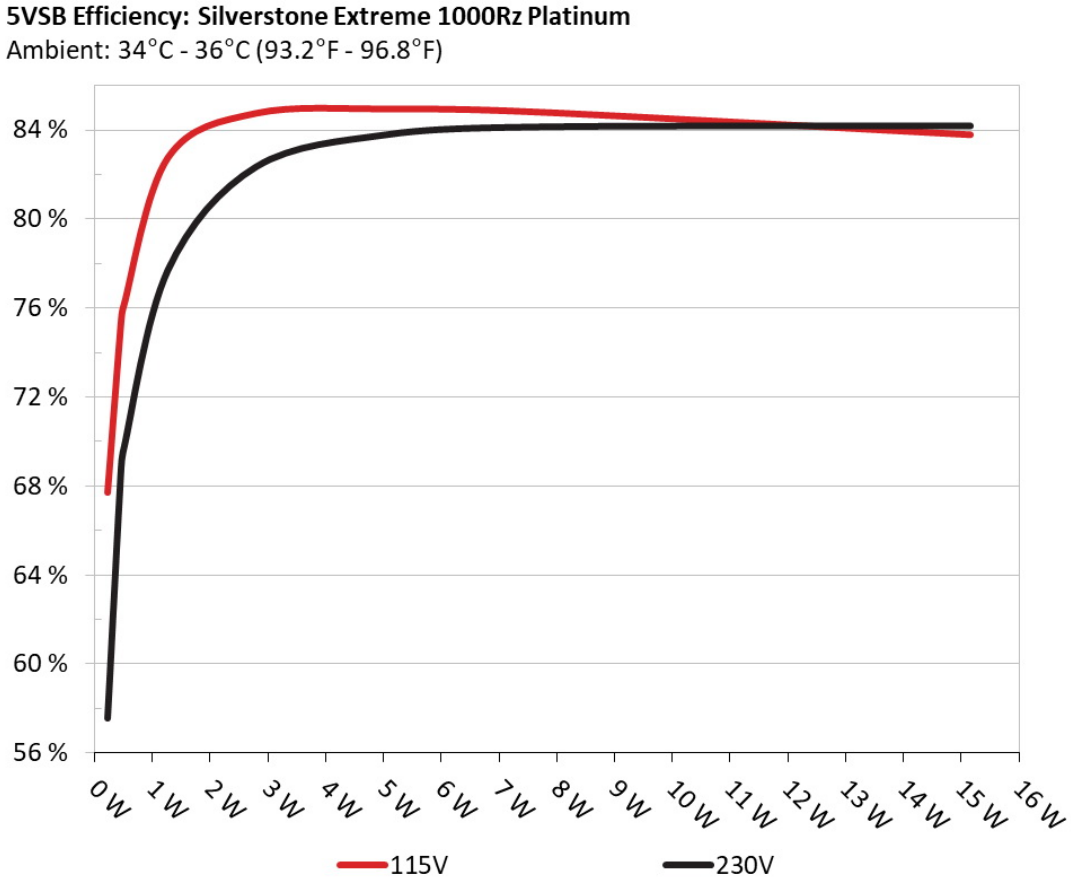
Efficiency under high ambient temperature



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**	0.229W	67.729%	0.04
	5.096V	0.338W		114.94V
2	**0.09A**	0.459W	75.33%	0.071
	5.096V	0.61W		114.95V
3	**0.55A**	2.8W	84.778%	0.283
	5.089V	3.303W		114.95V
4	**1A**	5.084W	84.968%	0.375
	5.083V	5.983W		114.95V
5	**1.5A**	7.616W	84.838%	0.418
	5.075V	8.978W		114.95V
6	**3.001A**	15.164W	83.814%	0.481
	5.054V	18.092W		114.95V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	**0.045A**	0.229W	57.576%	0.014
	5.096V	0.398W		230.1V
2	**0.09A**	0.459W	68.665%	0.024
	5.096V	0.669W		230.14V
3	**0.55A**	2.8W	82.352%	0.114
	5.089V	3.4W		230.12V
4	**1A**	5.084W	83.806%	0.186
	5.083V	6.067W		230.11V
5	**1.5A**	7.616W	84.145%	0.246
	5.076V	9.051W		230.1V
6	**3A**	15.165W	84.19%	0.343
	5.054V	18.013W		230.1V

Protection Features

OCP (Normal @ 28.7°C)	12V: 119.20A (143.10%), 11.975V 5V: 24A (120.00%), 4.952V 3.3V: 23.8A (119.00%), 3.283V 5VSB: 5.1A (170.00%), 5.019V
OCP (Hot @ 45.5°C)	12V: 112.20A (134.69%), 11.998V 5V: 23.2A (116.00%), 4.955V 3.3V: 22.6A (113.00%), 3.283V 5VSB: 5A (166.67%), 5.017V
OPP (Normal @ 28.3°C)	1415.52W (141.55%)
OPP (Hot @ 43.7°C)	1343.47W (134.35%)
OTP	✓ (152°C @ Heat Sink)
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%	**6.417A**	**1.995A**	**2A**	**0.986A**	100.022	86.624%	0	<6.0	45.19°C	0.982
	12.220V	5.013V	3.301V	5.073V	115.48				40.42°C	114.95V
20%	**13.857A**	**2.993A**	**3.001A**	**1.185A**	199.982	90.393%	0	<6.0	44.98°C	0.992
	12.202V	5.013V	3.299V	5.063V	221.24				40.64°C	114.93V
30%	**21.672A**	**3.494A**	**3.504A**	**1.385A**	300.038	91.604%	0	<6.0	41.24°C	0.995
	12.181V	5.011V	3.297V	5.054V	327.59				58.19°C	114.9V
40%	**29.495A**	**3.995A**	**4.011A**	**1.586A**	399.856	92.132%	1099	13.8	41.69°C	0.996
	12.159V	5.008V	3.291V	5.044V	434.135				60.66°C	114.87V
50%	**36.987A**	**4.995A**	**5.016A**	**1.788A**	499.554	92.07%	1108	14.2	42.21°C	0.997
	12.140V	5.007V	3.29V	5.034V	542.595				63.66°C	114.85V
60%	**44.571A**	**6.005A**	**6.022A**	**1.991A**	600.1	91.857%	1112	14.3	42.73°C	0.998
	12.122V	4.997V	3.289V	5.023V	653.334				68.24°C	114.82V
70%	**52.099A**	**7.02A**	**7.035A**	**2.195A**	699.837	91.014%	1465	24.4	43.19°C	0.997
	12.106V	4.988V	3.284V	5.012V	768.977				74°C	114.79V
80%	**59.734A**	**8.037A**	**8.053A**	**2.299A**	799.877	90.469%	1828	31.6	43.79°C	0.998
	12.086V	4.978V	3.278V	5.003V	884.162				75.36°C	114.76V
90%	**67.738A**	**8.551A**	**8.554A**	**2.403A**	899.675	89.87%	2377	39.8	44.7°C	0.997
	12.064V	4.971V	3.273V	4.994V	1001.058				75.96°C	114.74V
100%	**75.567A**	**9.067A**	**9.086A**	**3.015A**	999.71	89.251%	2764	44.9	45.13°C	0.998
	12.043V	4.964V	3.269V	4.977V	1120.173				76.73°C	114.72V
110%	**83.360A**	**10.088A**	**10.201A**	**3.02A**	1100.327	88.514%	3035	47	46.1°C	0.997
	12.021V	4.957V	3.264V	4.968V	1243.153				78.66°C	114.69V
CL1	**0.115A**	**12.056A**	**12.011A**	**0A**	101.318	81.043%	0	<6.0	56.36°C	0.982
	12.242V	4.994V	3.305V	5.075V	125.023				41.17°C	114.94V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
CL2	**0.114A**	**20.177A**	**0A**	**0A**	101.406	78.559%	0	<6.0	57.61°C	0.983
	12.251V	4.956V	3.296V	5.078V	129.102				41.21°C	114.94V
CL3	**0.114A**	**0A**	**20.084A**	**0A**	67.397	73.389%	0	<6.0	58.37°C	0.971
	12.241V	5.002V	3.286V	5.077V	91.837				40°C	114.95V
CL4	**83.034A**	**0A**	**0A**	**0A**	1000.149	89.823%	2748	44.6	45°C	0.997
	12.045V	4.968V	3.26V	5.032V	1113.471				75.64°C	114.73V

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%	**6.416A**	**1.995A**	**2.001A**	**0.986A**	100.023	87.733%	0	<6.0	53.36°C	0.872
	12.222V	5.013V	3.299V	5.072V	114.04				40.04°C	230.05V
20%	**13.855A**	**2.994A**	**3.003A**	**1.186A**	199.985	91.864%	0	<6.0	55.93°C	0.955
	12.203V	5.012V	3.297V	5.061V	217.701				40.93°C	230.04V
30%	**21.673A**	**3.495A**	**3.507A**	**1.386A**	300.046	93.005%	1124	14.8	41.26°C	0.975
	12.181V	5.009V	3.294V	5.052V	322.602				58.3°C	230.03V
40%	**29.496A**	**3.996A**	**4.012A**	**1.587A**	399.827	93.553%	1115	14.4	41.52°C	0.985
	12.158V	5.007V	3.291V	5.041V	427.393				58.12°C	230.01V
50%	**36.993A**	**4.996A**	**5.018A**	**1.789A**	499.533	93.733%	1113	14.3	42.01°C	0.989
	12.138V	5.006V	3.289V	5.032V	532.968				59.59°C	230V
60%	**44.581A**	**6.006A**	**6.024A**	**1.992A**	600.082	93.737%	1116	14.5	42.9°C	0.993
	12.119V	4.997V	3.287V	5.022V	640.189				62.09°C	229.99V
70%	**52.115A**	**7.021A**	**7.038A**	**2.196A**	699.801	93.031%	1120	14.6	43.48°C	0.994
	12.102V	4.987V	3.283V	5.011V	752.243				66.58°C	229.97V
80%	**59.750A**	**8.038A**	**8.056A**	**2.3A**	799.829	92.715%	1828	31.6	43.74°C	0.994
	12.082V	4.977V	3.277V	5.001V	862.656				68.64°C	229.96V
90%	**67.756A**	**8.553A**	**8.558A**	**2.404A**	899.632	92.401%	2189	36.7	44.11°C	0.995
	12.060V	4.97V	3.272V	4.992V	973.596				69.49°C	229.94V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
100%	**75.587A**	**9.069A**	**9.091A**	**3.016A**	999.656	91.961%	2755	44.7	45.29°C	0.995
	12.039V	4.963V	3.267V	4.975V	1087.031				70.37°C	229.93V
110%	**83.382A**	**10.091A**	**10.207A**	**3.021A**	1100.284	91.477%	3037	47	46.17°C	0.996
	12.017V	4.955V	3.262V	4.966V	1202.805				72.08°C	229.92V
CL1	**0.115A**	**12.055A**	**12.013A**	**0A**	101.314	82.43%	0	<6.0	52.78°C	0.886
	12.238V	4.994V	3.305V	5.076V	122.871				40.09°C	230.04V
CL2	**0.114A**	**20.173A**	**0A**	**0A**	101.404	79.902%	0	<6.0	54.47°C	0.889
	12.245V	4.957V	3.295V	5.079V	126.98				40.01°C	230.05V
CL3	**0.114A**	**0A**	**20.089A**	**0A**	67.395	74.639%	0	<6.0	50.63°C	0.819
	12.242V	5.002V	3.285V	5.078V	90.335				40.51°C	230.05V
CL4	**83.054A**	**0A**	**0A**	**0A**	1000.126	92.528%	2767	44.9	45.6°C	0.995
	12.042V	4.966V	3.258V	5.029V	1080.894				70.72°C	229.94V

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	**1.216A**	**0.499A**	**0.5A**	**0.196A**	20.009	64.19%	0	<6.0	38.76°C	0.864
	12.223V	5.011V	3.3V	5.09V	31.172				36.38°C	114.96V
40W	**2.674A**	**0.698A**	**0.7A**	**0.295A**	40.006	76.53%	0	<6.0	40.42°C	0.931
	12.223V	5.012V	3.3V	5.089V	52.271				37.39°C	114.96V
60W	**4.134A**	**0.898A**	**0.9A**	**0.393A**	60.005	82.088%	0	<6.0	42.74°C	0.961
	12.222V	5.012V	3.3V	5.086V	73.092				38.72°C	114.96V
80W	**5.593A**	**1.098A**	**1.1A**	**0.492A**	79.971	84.73%	0	<6.0	44.7°C	0.972
	12.220V	5.012V	3.3V	5.083V	94.42				39.82°C	114.96V

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	**1.215A**	**0.499A**	**0.5A**	**0.196A**	20.008	65.966%	0	<6.0	44.62°C	0.497
	12.229V	5.012V	3.299V	5.091V	30.378				36.05°C	230.05V
40W	**2.674A**	**0.698A**	**0.7A**	**0.295A**	40.005	77.789%	0	<6.0	45.81°C	0.65
	12.227V	5.013V	3.299V	5.088V	51.426				37.69°C	230.04V
60W	**4.134A**	**0.898A**	**0.9A**	**0.393A**	60.004	83.149%	0	<6.0	46.2°C	0.752
	12.225V	5.013V	3.299V	5.085V	72.164				38.6°C	230.05V
80W	**5.591A**	**1.098A**	**1.1A**	**0.492A**	79.971	86.076%	0	<6.0	49.7°C	0.823
	12.223V	5.012V	3.299V	5.082V	92.899				39.3°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	10.33mV	6.68mV	3.81mV	6.32mV	Pass
20% Load	15.08mV	6.84mV	3.97mV	6.88mV	Pass
30% Load	18.99mV	7.19mV	6.71mV	7.28mV	Pass
40% Load	20.27mV	8.16mV	7.83mV	7.59mV	Pass
50% Load	22.35mV	8.67mV	9.36mV	8.15mV	Pass
60% Load	24.29mV	9.85mV	9.56mV	8.25mV	Pass
70% Load	23.22mV	9.59mV	9.21mV	9.17mV	Pass
80% Load	23.68mV	10.76mV	11.04mV	10.09mV	Pass
90% Load	23.07mV	11.32mV	12.36mV	11.21mV	Pass
100% Load	35.97mV	11.96mV	10.29mV	13.56mV	Pass
110% Load	36.16mV	12.59mV	11.21mV	13.69mV	Pass
Crossload1	16.03mV	9.08mV	6.63mV	17.72mV	Pass
Crossload2	10.53mV	7.86mV	3.97mV	17.47mV	Pass

Test	12V	5V	3.3V	5VSB	Pass/Fail
Crossload3	10.48mV	8.77mV	7.07mV	17.47mV	Pass
Crossload4	35.85mV	11.40mV	7.39mV	24.97mV	Pass

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	10.68mV	7.45mV	3.87mV	6.67mV	Pass
20% Load	13.36mV	7.60mV	4.47mV	6.63mV	Pass
30% Load	17.29mV	7.45mV	6.66mV	7.08mV	Pass
40% Load	19.76mV	7.86mV	7.98mV	7.49mV	Pass
50% Load	21.81mV	8.42mV	9.41mV	7.64mV	Pass
60% Load	24.19mV	9.90mV	9.56mV	8.25mV	Pass
70% Load	23.88mV	9.69mV	9.46mV	9.27mV	Pass
80% Load	24.03mV	9.90mV	12.00mV	9.88mV	Pass
90% Load	22.40mV	10.46mV	12.97mV	10.14mV	Pass
100% Load	33.46mV	11.10mV	9.86mV	11.97mV	Pass
110% Load	35.45mV	11.56mV	10.38mV	12.26mV	Pass
Crossload1	16.83mV	8.60mV	6.60mV	17.51mV	Pass
Crossload2	10.89mV	8.42mV	3.81mV	18.03mV	Pass
Crossload3	10.48mV	9.28mV	7.12mV	17.73mV	Pass
Crossload4	32.99mV	9.98mV	6.84mV	23.64mV	Pass

The results above are not used in the certification process

SilverStone Extreme 1000Rz Platinum

Top side

Power specifications label

Fan

PSU Internals

Cybenetics bietet freiwillige Zertifizierungsprogramme für Netzteile – ETA für Effizienz, LAMBDA für Lautstärke und SAFE für Sicherheit und korrekten Betrieb – sowie für Kühlprodukte mit DELTA für die Schalldämmung von Gehäusen und PHI für Luftstrom und statischen Druck von Lüftern

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