



HyperX PS-4122-2 1200W

Serial Number -

Lab ID HX12002880

Certification ID 252880

Test Result Report ID: 25PS2880A

Certificate Issue Date: Jul 14, 2025

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	HyperX
Model	PS-4122-2 1200W
OEM/ODM	Lite-On
Serial Number	-
Product Specifications	
Manufacturer-Provided Information	
Rated Voltage (Vrms)	100-240
Rated Current (Arms)	7.5-15

Rated Frequency (Hz)	50-60
Rated Power (W)	1200
Operating Temperature (Continuous Full Load) (°C)	0 - 50
Type	ATX12V
Cable Design	Fully Modular
Warranty	No Info
Cybenetics Measurements	
Dimensions (W x H x D)	150 x 85 x 160mm
Weight	1.79 kg (3.95 lb)
Cooling	135mm Fluid Dynamic Bearing (HA13525H12SF-Z)
Semi-Passive Operation	✓
Cybenetics Testing Information	
Lab ID	HX12002880
Date of receipt	Jun 23, 2025
Testing Date	Jul 11, 2025
Report Issued Date	Jul 14, 2025
Engineer Name	Ioannis Kalyviotis
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 24 pin (600mm)	1	1	18-22AWG	No
4+4 pin EPS12V (650mm)	2	2	18AWG	No
6+2 pin PCIe (650mm)	2	2	18AWG	No
12+4 pin PCIe (650mm) (600W)	1	1	16-24AWG	No
SATA (455mm+115mm+115mm)	2	6	18AWG	No
SATA (460mm+115mm+115mm+115mm)	1	4	18AWG	No
4-pin Molex (450mm+100mm+100mm+100mm)	1	4	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	25	25	99	4	0
	Watts	150		1188	20	0
Total Max. Power (W)		1200				

Parts Description

General Data	
Manufacturer (OEM)	Lite-On
PCB Type	Double-Sided
Primary Side	
Transient Filter	6x Y caps, 2x X caps, 2x CM chokes, 1x MOV, 1x Power IntegrationsCAP200DG (X Capacitor Discharge IC)
Inrush Protection	2x NTC Thermistor SCK 105 (10 Ohm @25°C) & Relay
Bridge Rectifier(s)	2x GBJ25V08 (800V, 25A @ 25°C)
APFC MOSFETs	2x Infineon IPW60R099P7 (650V, 20A @ 100°C, Rds(on): 0.099Ohm)
APFC Boost Diode	2x WeEn WNSC5D06650X (650V, 6A @ 64°C)
Bulk Cap(s)	2x Rubycon (450V, 560uF each or 1120uF combined, 3000h @ 105°C,MXH)
Main Switchers	2x Infineon IPA60R099P7 (650V, 20A @ 100°C, Rds(on): 0.099Ohm)
PFC/LLC Controller	LTA2021/T
Topology	Primary side: APFC, Half-Bridge & LLC Resonant converter Secondary side: [12V] Synchronous Rectification & [Minor Rails] DC-DC converters
Secondary Side	

+12V MOSFETs	8x Nexperia PSMN1R5-40YSD(40V, 240A @ 25°C, Rds(on): 1.5mOhm)
5V & 3.3V	DC-DC Converters: 2x XEMI XP3NA3R4MT (30V, 46A @ 100°C, Rds(on): 3.4mOhm) 2x UBIQ QN3106M6N (30V, 57A @ 100°C, Rds(on): 3.8mOhm) PWM Controller(s): uPI Semi uP3861P
Filtering Capacitors	2x Nippon Chemi-con (2-5,000h @ 105°C, KZE) Rubycon (6-10,000h @ 105°C, ZLJ) Rubycon (10,000h @ 105°C, YXM) CapXon (4-10,000h @ 105°C, FH) Taicon (2-5,000h @ 105°C, PW) Polymer: 28x Nippon Chemi-con
Supervisor IC	IN1T703I-SDG
Synchronous Rectifier	MPS MP6924B
Fan Controller / Micro Controller	Nuvoton M032LE3AE
Fan Model	Hong Hua HA13525H12F-Z (135mm, 12V, 0.50A, Fluid Dynamic Bearing Fan)
5VSB	
Rectifier	1x
Standby PWM Controller	Excellence MOS EM8569D

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)	89.489%
Average Noise Output (>1450 Load Combinations)	15.59dBA
Average PF (>1450 Load Combinations)	0.984
Efficiency With 10W ($\leq$ 500W) or 2% (>500W) Load	83.318%
Standby Power Consumption	0.0504W
Non-Accredited	
12V Ripple (Full Load)	31.70mV
5V Ripple (Full Load)	21.50mV
3.3V Ripple (Full Load)	27.58mV
5VSB Ripple (Full Load)	16.16mV
12V Load Regulation	0.95%
5V Load Regulation	0.58%
3.3V Load Regulation	1.65%
5VSB Load Regulation	3.48%
Inrush Current	42.320A

230V

Accredited	
Average Efficiency (>1450 load combinations)	91.683%
Average Noise Output (>1450 Load Combinations)	14.92dBA
Average PF (>1450 Load Combinations)	0.965
Efficiency With 10W ($\leq$ 500W) or 2% (>500W) Load	83.421%
Standby Power Consumption	0.1140W
Non-Accredited	
12V Ripple (Full Load)	31.31mV
5V Ripple (Full Load)	22.77mV
3.3V Ripple (Full Load)	26.28mV

5VSB Ripple (Full Load)	17.48mV	
12V Load Regulation	0.87%	
5V Load Regulation	0.60%	
3.3V Load Regulation	1.62%	
5VSB Load Regulation	3.46%	
Inrush Current	84.200A	
12V Transient Response (200%)	11.30V	
5V Transient Response (200%)	5.005V	
3.3V Transient Response (200%)	3.159V	
5VSB Transient Response (200%)	4.942V	
Hold-Up Time & PWR_OK Signal	25.60ms	
AC Loss to PWR_OK Hold Up Time	21.90ms	
PWR_OK Inactive to DC Loss Delay	3.70ms	
PSU Timings: T1 (20% / 100%)	59.0ms	61.0ms
PSU Timings: T3 (20% / 100%)	109.0ms	108.0ms
12V OCP (28.6°C / 41.9°C)	131.00A (132.32%), 12.160V	129.60A (130.91%), 12.172V
5V OCP (28.6°C / 41.9°C)	31.6A (126.40%), 5.154V	31.5A (126.00%), 5.153V
3.3V OCP (28.6°C / 41.9°C)	32A (128.00%), 3.245V	32.1A (128.40%), 3.244V
5VSB OCP (28.6°C / 41.9°C)	5.9A (147.50%), 4.922V	5.8A (145.00%), 4.924V
OPP (27.92°C / 41.83°C)	131.56%	130.56%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	25.6
AC Loss to PWR_OK Hold Up Time (ms)	21.9
PWR_OK Inactive to DC Loss Delay (ms)	3.7

Vampire Power

Tables

115V

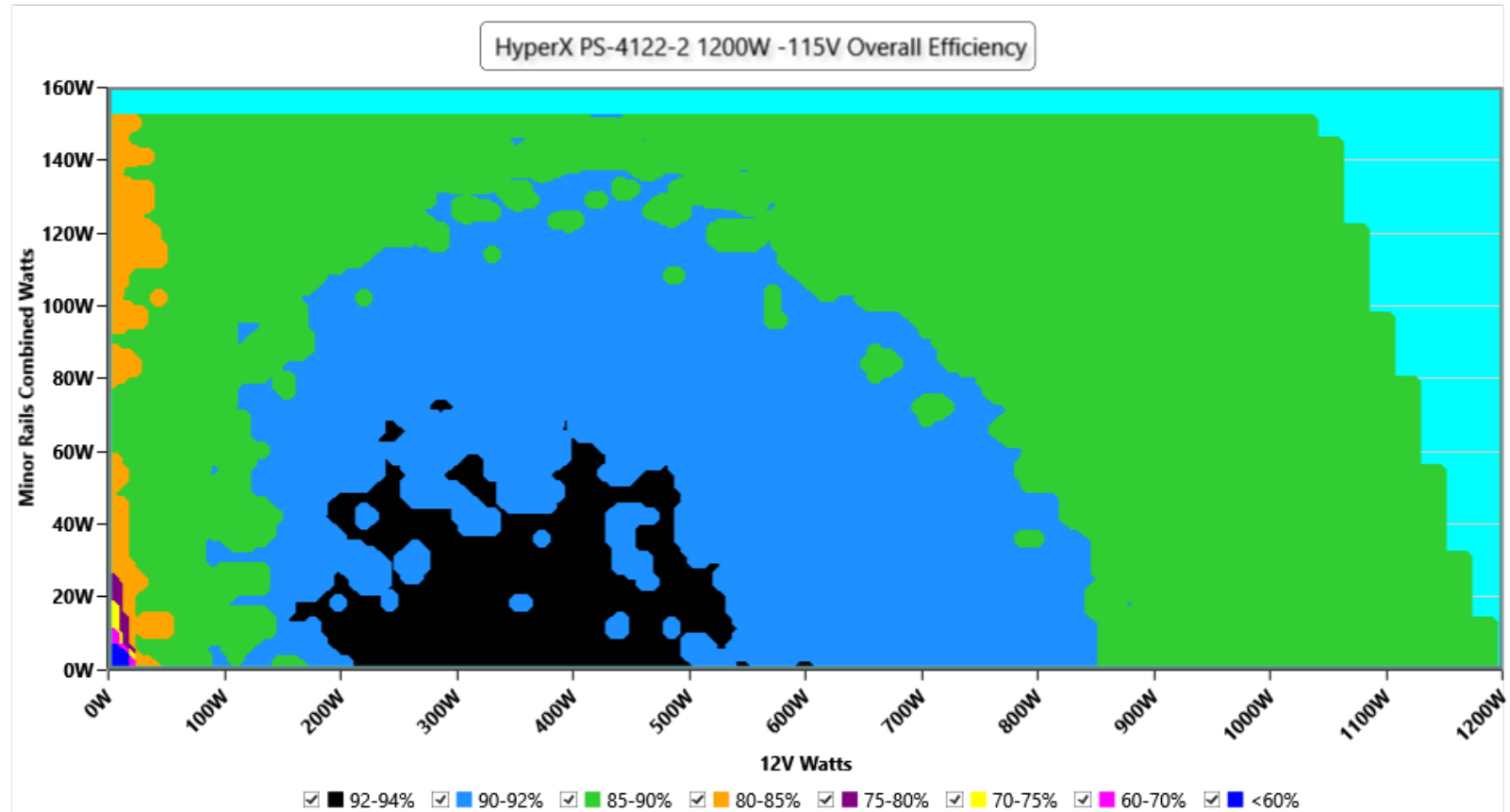
Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.08 V	115.02 V	113.85 V	115.12 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	59.95 Hz	59.40 Hz	60.02 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.417	1.415	1.340	1.419	1.490	PASS
Mains Voltage THD:	0.14 %	0.11 %	N/A	0.20 %	2.00 %	PASS
Real Power:	0.050 W	-0.002 W	N/A	0.088 W	N/A	N/A
Apparent Power:	12.035 W	11.532 W	N/A	12.593 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	230.94 V	227.70 V	231.14 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:	0.114 W	0.078 W	N/A	0.176 W	N/A	N/A
Apparent Power:	39.006 W	38.211 W	N/A	39.798 W	N/A	N/A
Power Factor:	0.003	N/A	N/A	N/A	N/A	N/A

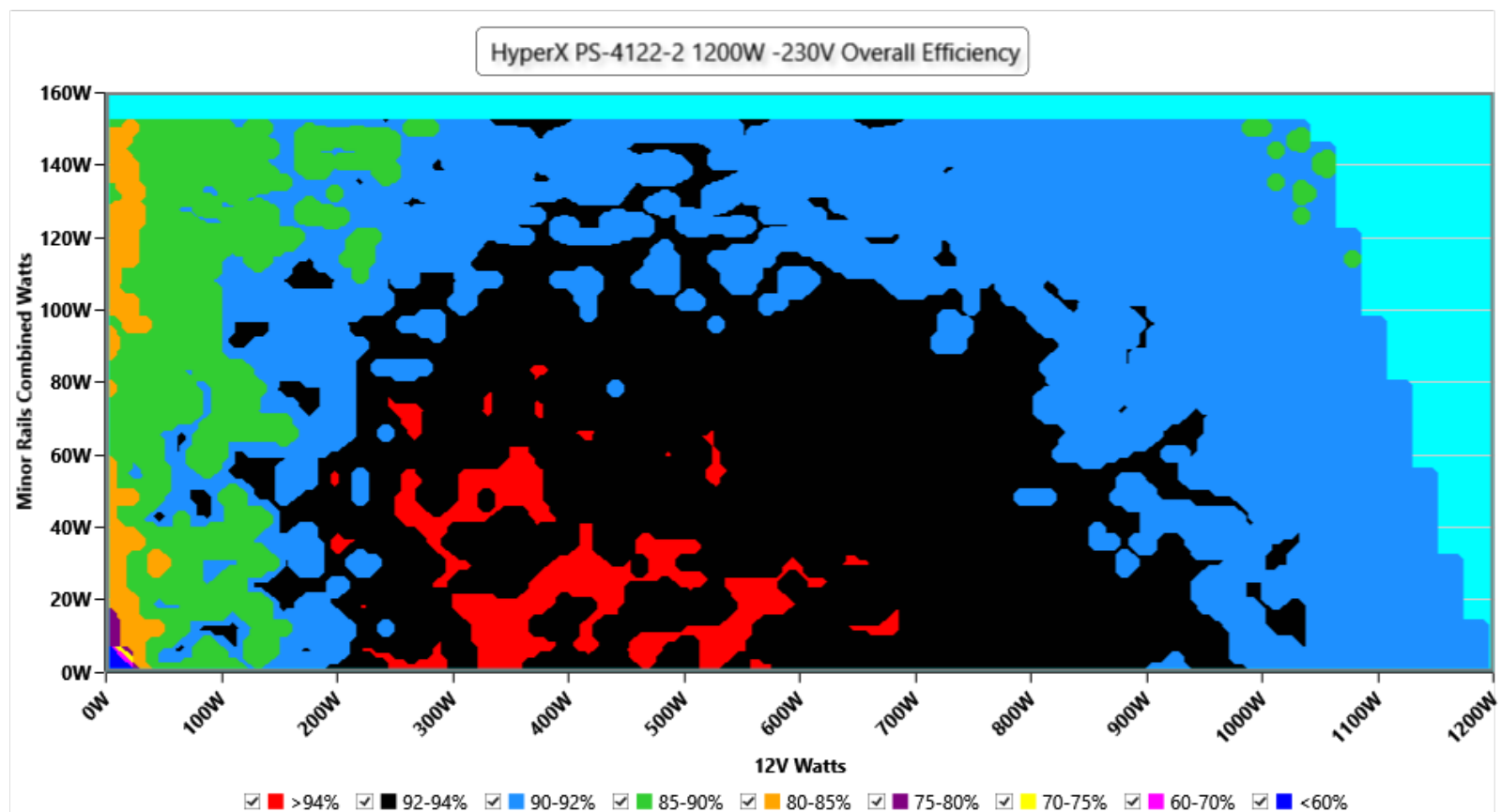
Efficiency Graph

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

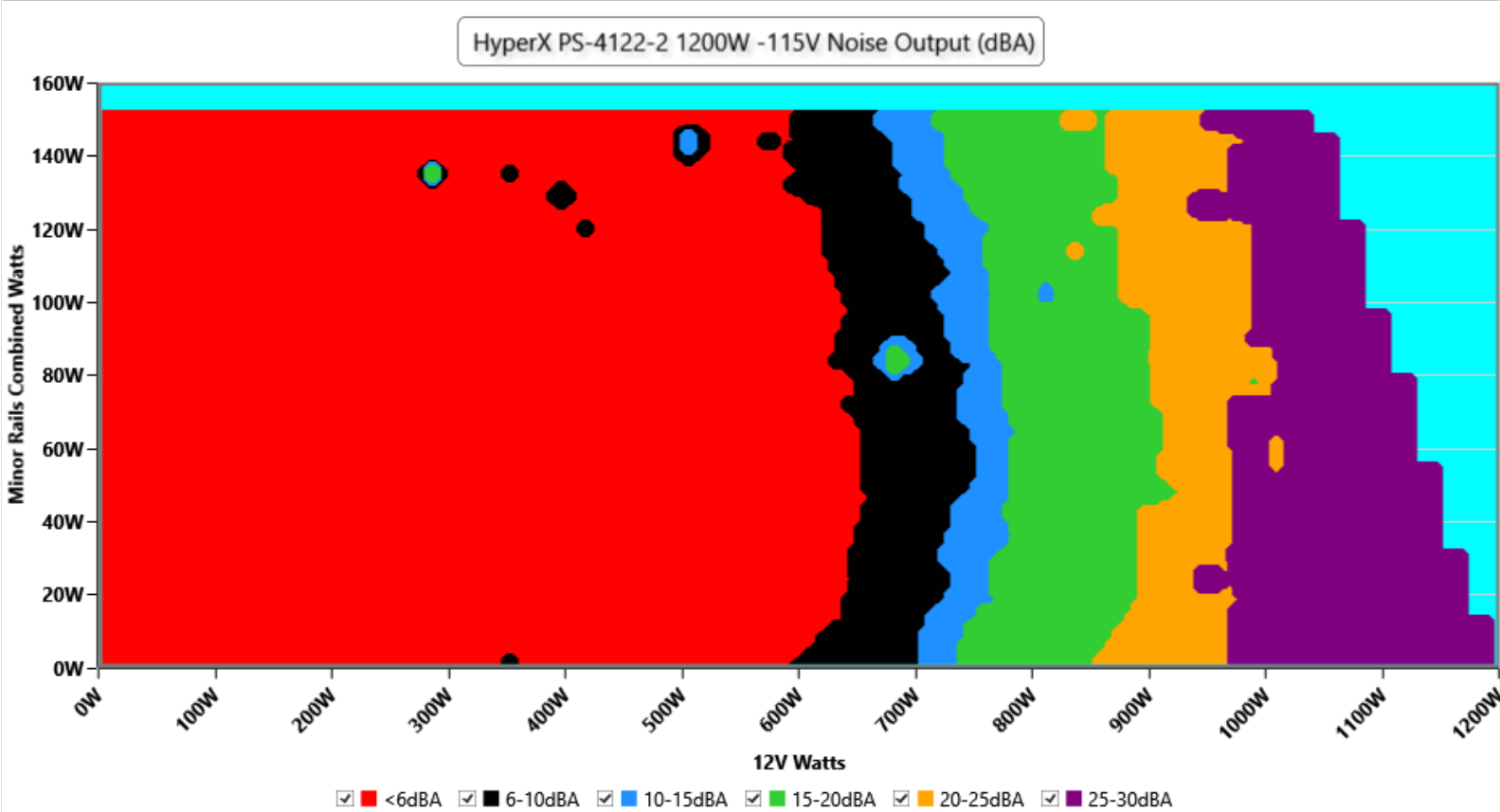


INFO

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

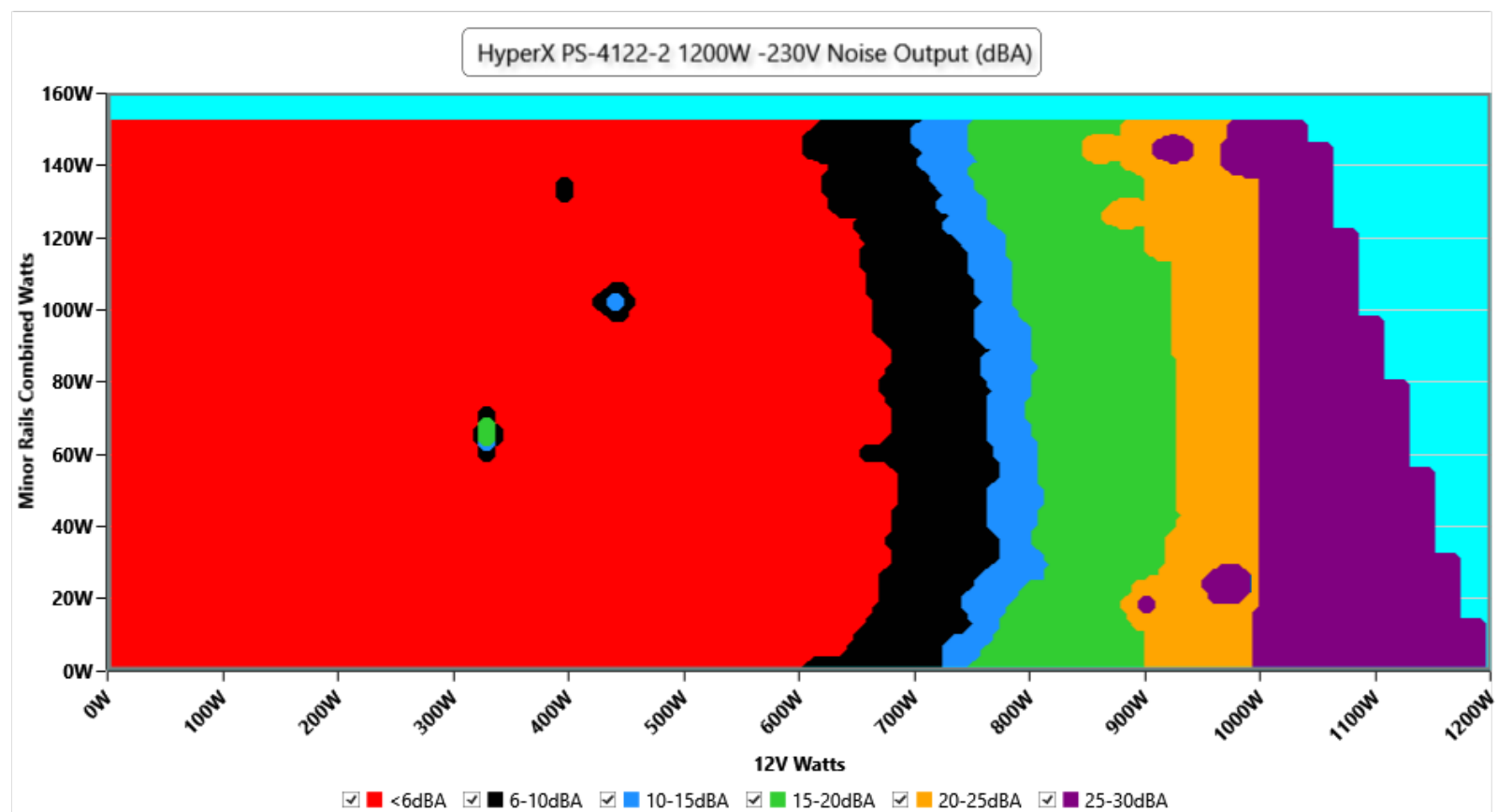
Noise Graph

115V



INFO

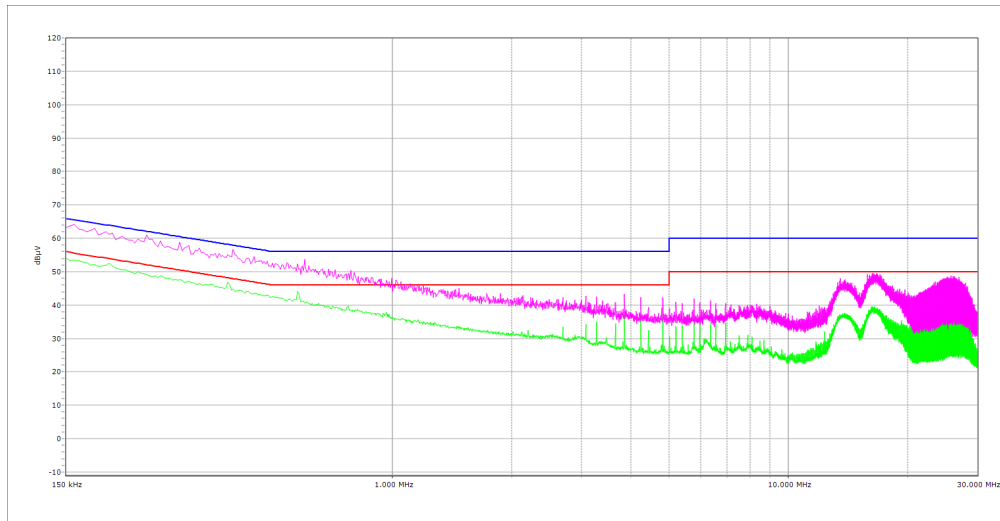
The PSU`s noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails



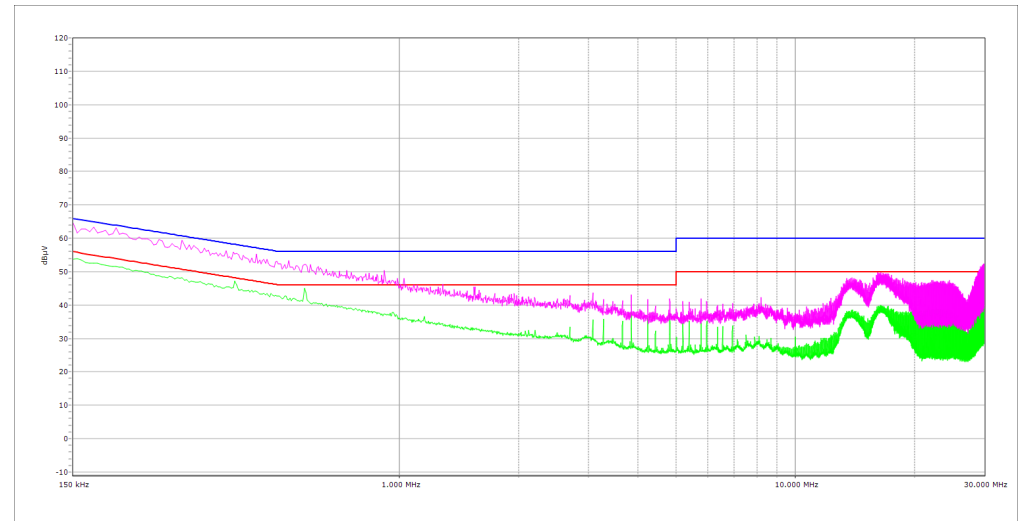
INFO

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



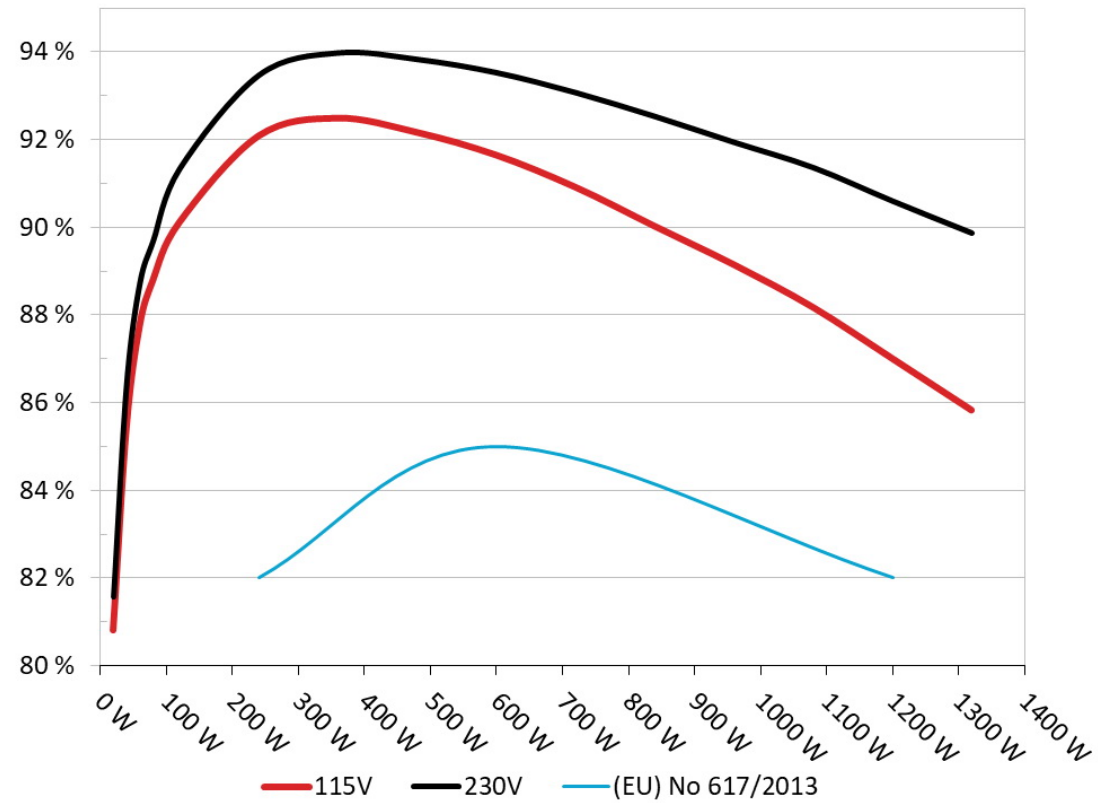
PHASE

Indicative Performance

Efficiency under high ambient temperature

Efficiency: HyperX PS-4122-2 1200W

Ambient: 36°C - 47°C (96.8°F - 116.6°F)



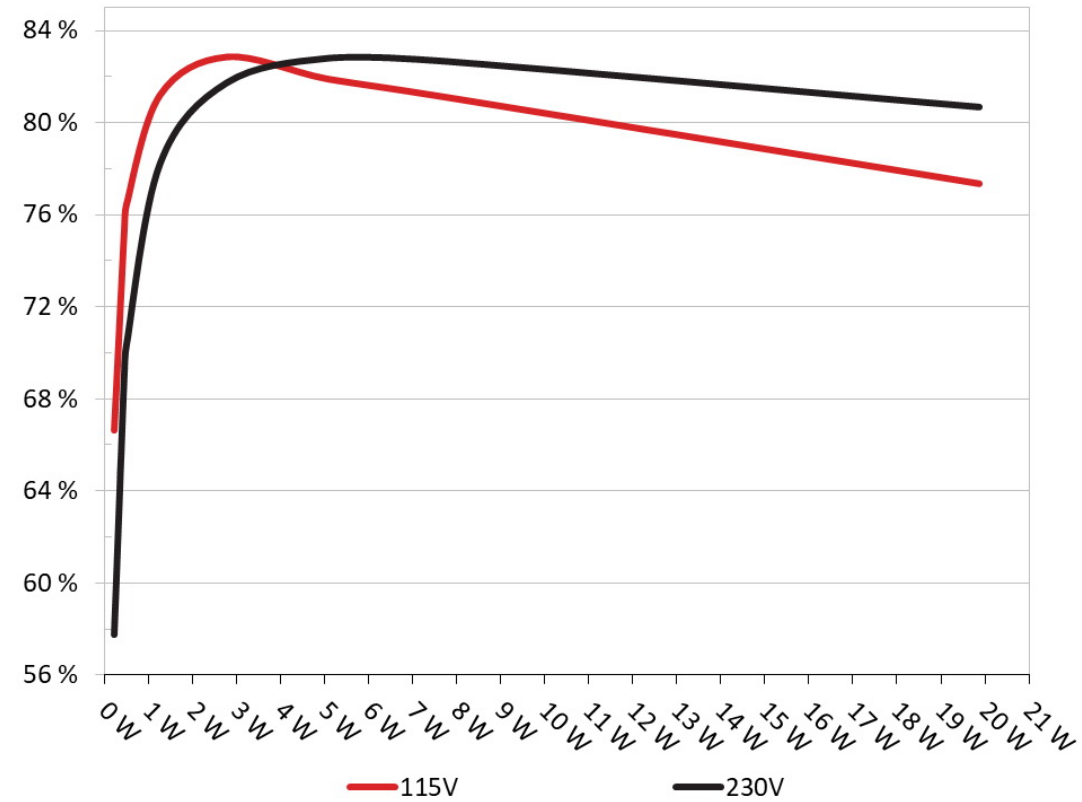
INFO

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: HyperX PS-4122-2 1200W

Ambient: 34°C - 36°C (93.2°F - 96.8°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	0.228W	66.649%	0.03
	5.07V	0.342W		114.84V
2	0.09A	0.456W	75.35%	0.054
	5.068V	0.605W		114.85V
3	0.55A	2.781W	82.877%	0.256
	5.057V	3.356W		114.83V
4	1A	5.045W	81.934%	0.384
	5.045V	6.157W		114.82V
5	1.5A	7.549W	81.193%	0.466
	5.032V	9.297W		114.83V
6	4A	19.871W	77.371%	0.587
	4.968V	25.682W		114.82V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	0.045A	0.228W	57.772%	0.01
	5.072V	0.395W		229.81V
2	0.09A	0.456W	69.088%	0.017
	5.07V	0.66W		229.82V
3	0.55A	2.782W	81.726%	0.088
	5.058V	3.404W		229.81V
4	1A	5.046W	82.787%	0.151
	5.046V	6.096W		229.81V
5	1.5A	7.55W	82.689%	0.214
	5.033V	9.131W		229.82V
6	4A	19.873W	80.677%	0.396
	4.968V	24.633W		229.81V

Protection Features

OCP (Normal @ 28.6°C)	12V: 131.00A (132.32%), 12.160V 5V: 31.6A (126.40%), 5.154V 3.3V: 32A (128.00%), 3.245V 5VSB: 5.9A (147.50%), 4.922V
OCP (Hot @ 41.9°C)	12V: 129.60A (130.91%), 12.172V 5V: 31.5A (126.00%), 5.153V 3.3V: 32.1A (128.40%), 3.244V 5VSB: 5.8A (145.00%), 4.924V
OPP (Normal @ 27.9°C)	1578.753W (131.56%)
OPP (Hot @ 41.8°C)	1566.722W (130.56%)
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	X
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%	8.052A	1.928A	1.958A	0.99A	119.996	90.098%	0	<6.0	55.97°C	0.947
	12.220V	5.186V	3.371V	5.05V	133.195				40.4°C	114.73V
20%	17.118A	2.894A	2.942A	1.191A	239.956	92.071%	0	<6.0	56.72°C	0.98
	12.212V	5.182V	3.365V	5.038V	260.614				40.56°C	114.7V
30%	26.471A	3.378A	3.437A	1.393A	359.181	92.479%	0	<6.0	58.53°C	0.988
	12.206V	5.18V	3.361V	5.027V	388.391				41.11°C	114.67V
40%	35.922A	3.863A	3.932A	1.595A	479.555	92.156%	390	<6.0	41.61°C	0.993
	12.202V	5.178V	3.357V	5.016V	520.321				62.84°C	114.65V
50%	45.012A	4.832A	4.924A	1.799A	599.288	91.641%	480	<6.0	42.15°C	0.995
	12.192V	5.174V	3.351V	5.004V	654.057				63.18°C	114.62V
60%	54.174A	5.802A	5.919A	2A	719.8	90.906%	679	14.2	42.55°C	0.996
	12.183V	5.171V	3.345V	4.992V	791.847				62.29°C	114.59V
70%	63.278A	6.774A	6.918A	2.209A	839.566	90.017%	811	20.4	43.13°C	0.997
	12.176V	5.168V	3.339V	4.979V	932.625				62.56°C	114.55V
80%	72.455A	7.745A	7.92A	2.314A	959.55	89.14%	948	25.3	43.6°C	0.997
	12.169V	5.164V	3.333V	4.97V	1076.569				63.9°C	114.5V
90%	81.953A	8.233A	8.409A	2.42A	1079.339	88.168%	1116	30	44.21°C	0.997
	12.163V	5.162V	3.329V	4.96V	1224.202				66.01°C	114.46V
100%	90.958A	8.722A	8.932A	4.075A	1199.586	86.998%	1414	38	45.39°C	0.997
	12.147V	5.159V	3.325V	4.908V	1378.834				67.91°C	114.41V
110%	100.156A	9.699A	10.035A	4.082A	1319.436	85.822%	1765	44	46.6°C	0.997
	12.142V	5.155V	3.318V	4.9V	1537.454				68.67°C	114.37V
CL1	0.114A	17.507A	18.073A	0A	151.292	82.96%	401	<6.0	40.67°C	0.965
	12.235V	5.158V	3.297V	5.069V	182.421				61.06°C	114.73V

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	24.167A	0A	0A	126.274	83.25%	402	<6.0	40.97°C	0.955
	12.240V	5.166V	3.361V	5.075V	151.884				60.68°C	114.73V
CL3	0.114A	0A	25.132A	0A	83.892	76.233%	0	<6.0	44.95°C	0.935
	12.237V	5.169V	3.282V	5.074V	110.182				40.74°C	114.74V
CL4	98.708A	0A	0A	0A	1201.235	87.583%	1311	37	45.49°C	0.997
	12.171V	5.175V	3.371V	5.024V	1372.329				67.37°C	114.41V

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%	8.056A	1.929A	1.958A	0.991A	119.998	91.329%	0	<6.0	51.53°C	0.941
	12.213V	5.185V	3.371V	5.048V	131.499				40.16°C	229.8V
20%	17.128A	2.895A	2.942A	1.191A	239.959	93.465%	0	<6.0	52.98°C	0.93
	12.206V	5.182V	3.365V	5.037V	256.837				40.72°C	229.78V
30%	26.482A	3.379A	3.436A	1.393A	359.197	93.974%	0	<6.0	54.01°C	0.951
	12.202V	5.18V	3.361V	5.026V	382.209				41.07°C	229.77V
40%	35.940A	3.863A	3.932A	1.596A	479.558	93.828%	383	<6.0	41.53°C	0.967
	12.196V	5.177V	3.357V	5.015V	511.005				55.89°C	229.74V
50%	45.023A	4.832A	4.923A	1.799A	599.297	93.525%	479	<6.0	42.03°C	0.974
	12.189V	5.174V	3.352V	5.003V	640.857				56.41°C	229.73V
60%	54.187A	5.802A	5.918A	2A	719.803	93.067%	654	13.8	42.63°C	0.983
	12.180V	5.171V	3.346V	4.991V	773.48				56.03°C	229.71V
70%	63.294A	6.774A	6.917A	2.21A	839.563	92.525%	820	21	43.12°C	0.989
	12.173V	5.167V	3.34V	4.978V	907.343				56.28°C	229.69V
80%	72.444A	7.745A	7.923A	2.315A	959.533	91.934%	954	25.4	43.71°C	0.991
	12.171V	5.164V	3.332V	4.968V	1043.894				57.88°C	229.67V
90%	81.973A	8.234A	8.408A	2.42A	1079.34	91.358%	1102	29.4	44.44°C	0.993
	12.161V	5.161V	3.33V	4.959V	1181.449				58°C	229.65V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
100%	90.972A	8.724A	8.93A	4.076A	1199.585	90.592%	1370	37.4	45.73°C	0.994
	12.146V	5.158V	3.326V	4.907V	1324.153				59.18°C	229.62V
110%	100.178A	9.7A	10.032A	4.083A	1319.426	89.864%	1713	42.4	46.32°C	0.995
	12.140V	5.154V	3.319V	4.9V	1468.264				59.68°C	229.6V
CL1	0.115A	17.511A	18.076A	0A	151.305	84.055%	395	<6.0	40.04°C	0.93
	12.239V	5.157V	3.297V	5.069V	180.189				56.65°C	229.8V
CL2	0.117A	24.171A	0A	0A	126.281	84.42%	0	<6.0	40.48°C	0.938
	12.236V	5.165V	3.361V	5.074V	149.684				40.18°C	229.8V
CL3	0.114A	0A	25.14A	0A	83.895	77.317%	0	<6.0	42.97°C	0.934
	12.247V	5.168V	3.281V	5.073V	108.675				41.24°C	229.81V
CL4	98.606A	0A	0A	0A	1199.937	91.239%	1285	36.7	45.27°C	0.994
	12.169V	5.174V	3.369V	5.023V	1315.13				59.18°C	229.63V

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	1.212A	0.482A	0.488A	0.197A	20.01	80.804%	0	<6.0	48.57°C	0.484
	12.262V	5.189V	3.38V	5.079V	24.809				36.07°C	114.76V
40W	2.668A	0.675A	0.684A	0.296A	40.005	85.419%	0	<6.0	51.35°C	0.654
	12.256V	5.189V	3.379V	5.074V	46.891				37.5°C	114.76V
60W	4.126A	0.867A	0.879A	0.395A	60.002	87.743%	0	<6.0	53.39°C	0.912
	12.250V	5.188V	3.378V	5.07V	68.391				38.46°C	114.74V
80W	5.580A	1.06A	1.075A	0.494A	79.945	88.772%	0	<6.0	54.37°C	0.923
	12.242V	5.188V	3.376V	5.066V	90.097				39.05°C	114.74V

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	1.212A	0.482A	0.488A	0.197A	20.008	81.565%	0	<6.0	43.37°C	0.36
	12.251V	5.189V	3.38V	5.077V	24.578				36.08°C	229.82V
40W	2.670A	0.675A	0.684A	0.296A	40.004	86.461%	0	<6.0	47.68°C	0.523
	12.244V	5.188V	3.379V	5.072V	46.271				37.39°C	229.82V
60W	4.128A	0.867A	0.879A	0.395A	60.002	88.735%	0	<6.0	49.05°C	0.791
	12.239V	5.188V	3.378V	5.068V	67.655				38.09°C	229.81V
80W	5.586A	1.06A	1.075A	0.494A	79.946	89.684%	0	<6.0	50.22°C	0.911
	12.228V	5.187V	3.376V	5.064V	89.245				39.07°C	229.81V

The results above are not used in the certification process

Ripple Measurements

115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	34.68mV	20.83mV	24.98mV	12.98mV	Pass
20% Load	21.43mV	20.83mV	23.34mV	14.83mV	Pass
30% Load	22.97mV	22.32mV	29.55mV	14.06mV	Pass
40% Load	23.63mV	21.20mV	22.11mV	13.54mV	Pass
50% Load	25.78mV	21.20mV	23.70mV	13.85mV	Pass
60% Load	26.95mV	21.40mV	24.73mV	13.50mV	Pass
70% Load	27.87mV	21.09mV	23.75mV	13.65mV	Pass
80% Load	33.45mV	22.17mV	29.96mV	14.73mV	Pass
90% Load	31.61mV	22.22mV	27.76mV	13.80mV	Pass
100% Load	31.70mV	21.50mV	27.58mV	16.16mV	Pass
110% Load	34.81mV	22.83mV	28.23mV	15.45mV	Pass
Crossload1	20.39mV	21.40mV	25.89mV	16.38mV	Pass
Crossload2	37.39mV	27.51mV	23.45mV	16.62mV	Pass

Test	12V	5V	3.3V	5VSB	Pass/Fail
Crossload3	40.10mV	21.40mV	28.37mV	16.32mV	Pass
Crossload4	31.04mV	23.13mV	26.69mV	16.79mV	Pass

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	36.16mV	20.22mV	22.83mV	13.14mV	Pass
20% Load	21.38mV	19.91mV	20.57mV	13.24mV	Pass
30% Load	23.78mV	19.97mV	32.32mV	13.44mV	Pass
40% Load	23.83mV	19.81mV	23.24mV	13.80mV	Pass
50% Load	24.45mV	20.48mV	22.06mV	14.37mV	Pass
60% Load	26.03mV	21.35mV	23.45mV	13.39mV	Pass
70% Load	27.31mV	20.99mV	21.91mV	13.75mV	Pass
80% Load	30.43mV	22.79mV	28.37mV	14.16mV	Pass
90% Load	30.07mV	22.48mV	29.14mV	14.32mV	Pass
100% Load	31.31mV	22.77mV	26.28mV	17.48mV	Pass
110% Load	33.17mV	22.36mV	29.81mV	15.45mV	Pass
Crossload1	21.92mV	21.34mV	26.10mV	15.63mV	Pass
Crossload2	40.05mV	27.41mV	22.68mV	16.57mV	Pass
Crossload3	97.43mV	22.89mV	26.88mV	16.42mV	Pass
Crossload4	31.40mV	22.94mV	28.79mV	16.87mV	Pass

The results above are not used in the certification process

HyperX PS-4122-2 1200W



Top side

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 LTD Syrou 6, Latsia, 2231, Nicosia Cyprus



Power specifications label

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

www.cybenetics.com - info@cybenetics.com