XPG Pylon II 550W

Serial Number -

Lab ID AD55003027

Certification ID 253027

Test Result Report ID: 25PS3027A

Certificate Issue Date: Nov 13, 2025

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	XPG
Model	Pylon II 550W
OEM/ODM	CWT
Serial Number	-
Product Specifications	
Manufacturer-Provided Information	
Rated Voltage (Vrms)	100-240
Rated Current (Arms)	8

Rated Frequency (Hz)	50-60
Rated Power (W)	550
Operating Temperature (Continuous Full Load) (°C)	0-50
Type	ATX12V
Cable Design	Fixed cables
Warranty	No Info
Cybenetics Measurements	
Dimensions (W x H x D)	150 x 85 x 150mm
Weight	1.85 kg (4.08lb)
Cooling	135mm Fluid Dynamic Bearing Fan (CWT13525H12F-9)
Semi-Passive Operation	✗
Cybenetics Testing Information	
Lab ID	AD55003027
Date of receipt	Oct 17, 2025
Testing Date	Nov 10, 2025
Report Issued Date	Nov 13, 2025
Engineer Name	Ioannis Kalyviotis
Authorized By the Laboratory Technical Manager	Aristeidis Bitziopoulos
Signature	

Cables and Connectors(Non-accredited measurements)

Captive Cables				
Description	**Cable Count**	**Connector Count (Total)**	**Gauge**	Cable Type
ATX connector 24 pin (570mm)	1	1	18-22AWG	Tinned Copper
8 pin EPS12V (600mm) / 4+4 pin EPS12V (+150mm)	1	1 / 1	18AWG	Copper
6+2 pin PCIe (540mm+150mm)	1	2	18AWG	Copper
12+4 pin PCIe (590mm) (300W)	1	1	16-24AWG	Tinned Copper
SATA (430mm+150mm+150mm) / 4-pin Molex (+150mm)	2	6 / 2	18AWG	Copper

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	45.5	3	0.3
	Watts	120		550	15	3.6
Total Max. Power (W)		550				

Parts Description

General Data	
Manufacturer (OEM)	CWT
PCB Type	Single-Sided
Primary Side	
Transient Filter	4x Y caps, 2x X caps, 2x CM chokes, 1x MOV, 1x Sync PowerSP687 (X Capacitor Bleeder)
Inrush Protection	NTC Thermistor SCK0512 (5 Ohm @ 25°C)
Bridge Rectifier(s)	GBU1006 (600V, 10A @ 100°C)
APFC MOSFETs	2x InPower ITA20N50R (500V, 12.5A @ 100°C, Rds(on): 0.3Ohm)
APFC Boost Diode	CRMicro CRXI06D065G2 (650V, 6A @ 167°C)
Bulk Cap(s)	Rubycon (400V, 330uF, 2000h @ 105°C, MXE)
Main Switchers	2x InPower ITA20N50R (500V, 12.5A @ 100°C, Rds(on): 0.3Ohm)
PFC/LLC Resonant Combo Controller	NXP TEA2017AAT/2
Topology	Primary side: APFC, Half-Bridge & LLC Resonant Converter Secondary side: [12V] Passive Rectification & [Minor Rails] DC-DC converters

Secondary Side	
+12V MOSFETs	4x PFC PFR30L45CT (45V, 30A @ 25°C)
5V & 3.3V	DC-DC Converters: 4x UBIQ Semi QM3054M6 (30V, 61A @ 100°C, Rds(on): 4.8mOhm) PWM Controller(s): ANPEC APW7159C
Filtering Capacitors	Electrolytic: 5x Elite (2-5,000h @ 105°C, ED) 2x Jun Fu (2,000h @ 105°C, WG) 2x Jun Fu (@ 105°C, WL) Polymer: 8x Elite (RP)
Supervisor IC	IN1S4291-DCG
Fan Model	CWT13525H12F-9 (135mm, 12V, 0.4A, Fluid Dynamic Bearing Fan)
5VSB Circuit	
Rectifier	YANGJIE SS10U45 (45V, 10A)
Standby PWM Controller	On-Bright OB2365T

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)	85.482%
Average Noise Output (>1450 Load Combinations)	28.62dBA
Average PF (>1450 Load Combinations)	0.996

Efficiency With 10W (≤500W) or 2% (>500W) Load	69.780%
Standby Power Consumption	0.0333W
Non-Accredited	
12V Ripple (Full Load)	34.56mV
5V Ripple (Full Load)	19.43mV
3.3V Ripple (Full Load)	13.51mV
5VSB Ripple (Full Load)	16.13mV
12V Load Regulation	0.69%
5V Load Regulation	0.06%
3.3V Load Regulation	0.12%
5VSB Load Regulation	3.23%
Inrush Current	29.750A

230V

Accredited	
Average Efficiency (>1450 load combinations)	87.923%
Average Noise Output (>1450 Load Combinations)	28.61dBA
Average PF (>1450 Load Combinations)	0.986
Efficiency With 10W (≤500W) or 2% (>500W) Load	72.560%
Standby Power Consumption	0.0718W
Non-Accredited	
12V Ripple (Full Load)	41.41mV
5V Ripple (Full Load)	20.35mV
3.3V Ripple (Full Load)	13.30mV
5VSB Ripple (Full Load)	14.16mV
12V Load Regulation	0.73%
5V Load Regulation	0.32%
3.3V Load Regulation	0.06%
5VSB Load Regulation	3.27%
Inrush Current	61.050A
12V Transient Response (200%)	11.56V
5V Transient Response (200%)	4.961V

3.3V Transient Response (200%)		3.298V
5VSB Transient Response (200%)		5.038V
Hold-Up Time & PWR_OK Signal		19.00ms
AC Loss to PWR_OK Hold Up Time		15.10ms
PWR_OK Inactive to DC Loss Delay		3.90ms
PSU Timings: T1 (20% / 100%)	127.0ms	101.0ms
PSU Timings: T3 (20% / 100%)	115.0ms	115.0ms
12V OCP (27.2°C / 43.8°C)	54.80A (120.44%), 12.026V	54.00A (118.68%), 12.019V
5V OCP (27.2°C / 43.8°C)	24.2A (121.00%), 5.042V	24A (120.00%), 5.044V
3.3V OCP (27.2°C / 43.8°C)	24.2A (121.00%), 3.402V	24.3A (121.50%), 3.4V
5VSB OCP (27.2°C / 43.8°C)	4.6A (153.33%), 5.022V	4.6A (153.33%), 5.012V
OPP (28.03°C / 43.24°C)	140.72%	139.09%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	19
AC Loss to PWR_OK Hold Up Time (ms)	15.1
PWR_OK Inactive to DC Loss Delay (ms)	3.9

Vampire Power

Tables

115V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	114.99 V	114.96 V	113.85 V	115.01 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	1.416	1.490	PASS
Mains Voltage THD:	0.13 %	0.10 %	N/A	0.16 %	2.00 %	PASS
Real Power:	0.033 W	0.014 W	N/A	0.054 W	N/A	N/A

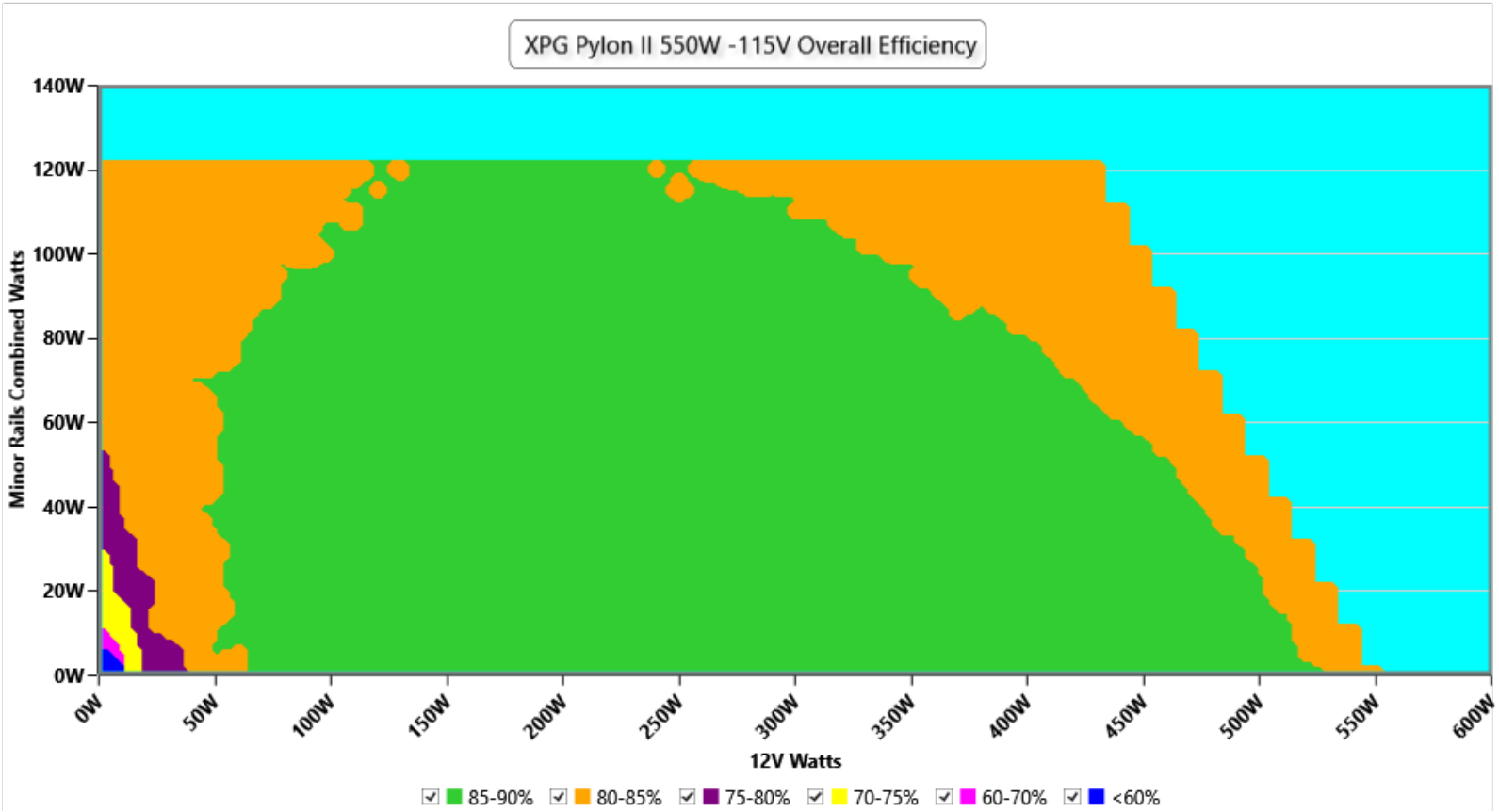
Apparent Power:	10.138 W	10.116 W	N/A	10.162 W	N/A	N/A
Power Factor:	0.004	N/A	N/A	N/A	N/A	N/A

230V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	229.99 V	229.95 V	227.70 V	229.99 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:	0.15 %	0.13 %	N/A	0.16 %	2.00 %	PASS
Real Power:	0.072 W	0.033 W	N/A	0.125 W	N/A	N/A
Apparent Power:	33.225 W	33.187 W	N/A	33.261 W	N/A	N/A
Power Factor:	0.002	N/A	N/A	N/A	N/A	N/A

Efficiency Graph

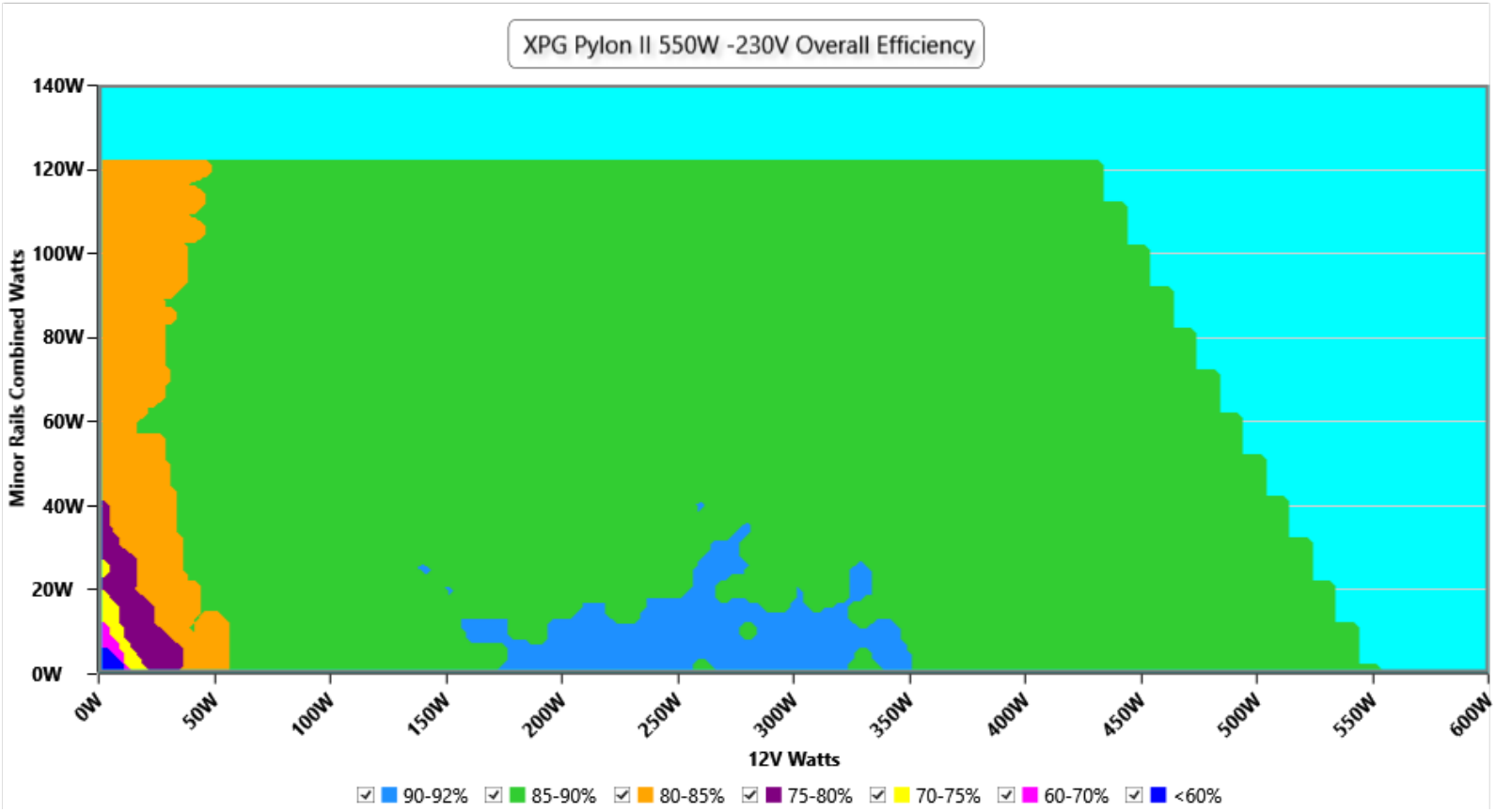
115V



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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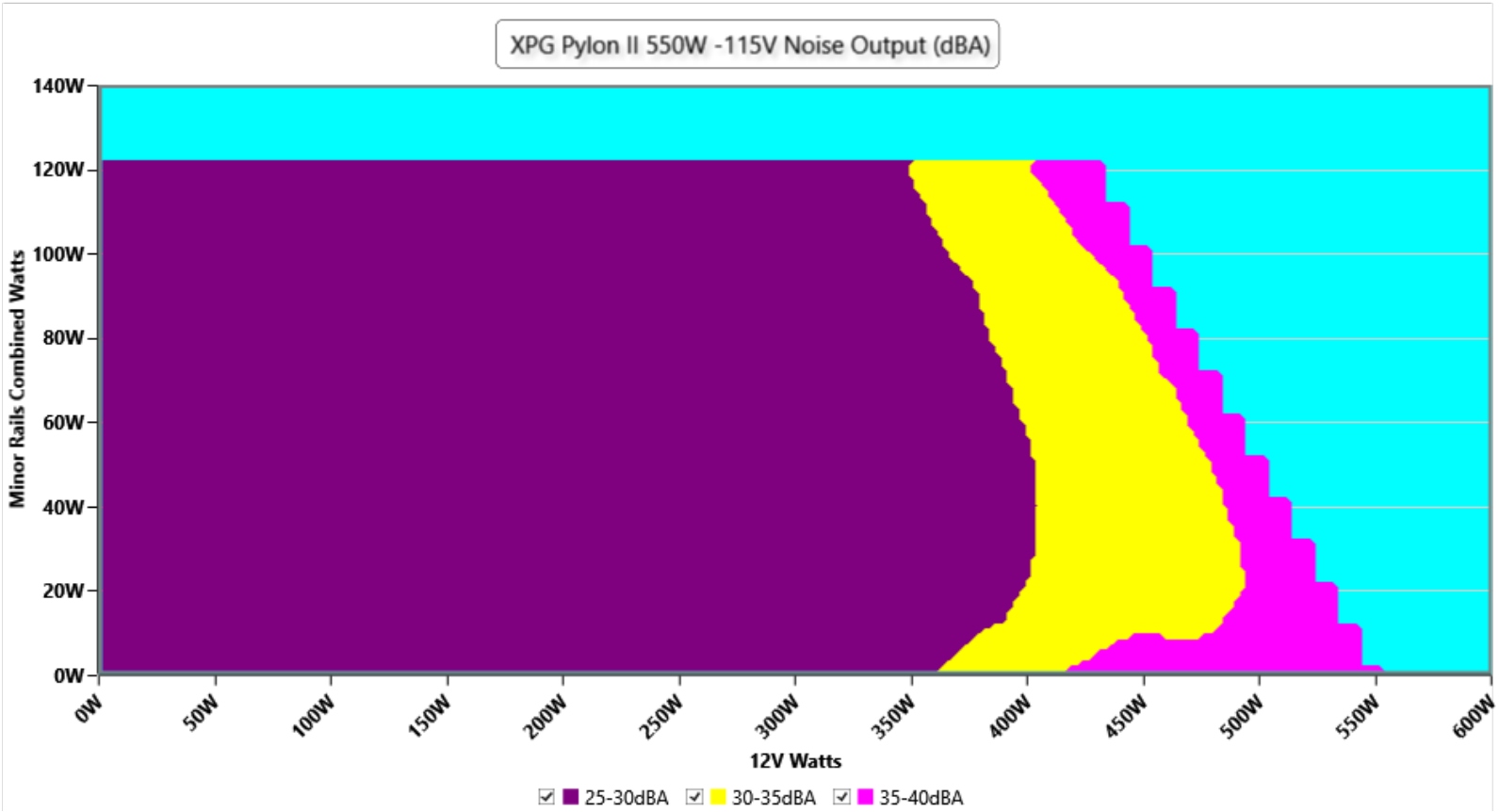
Noise Graph

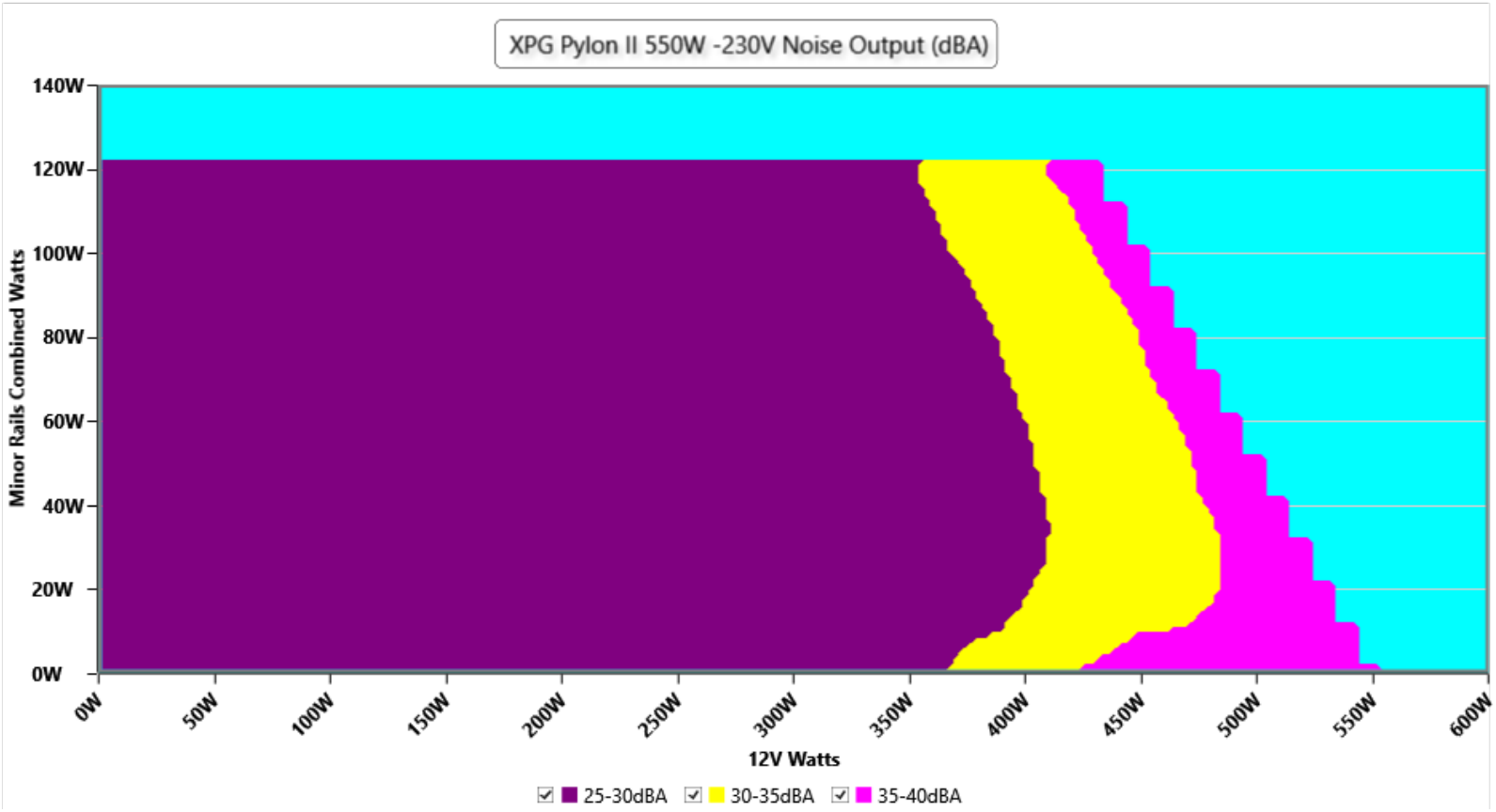
115V



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

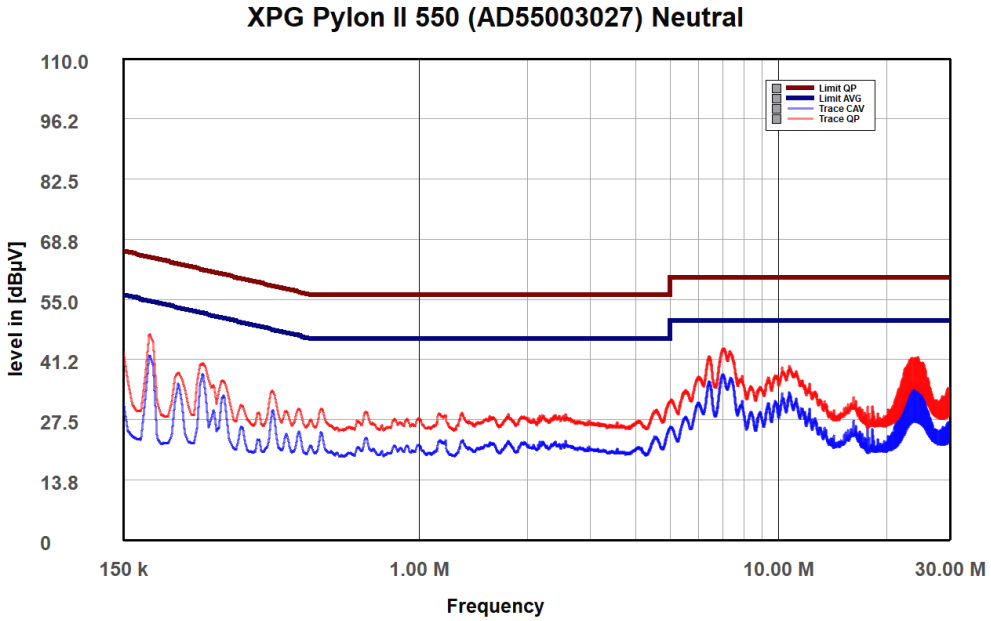
230V



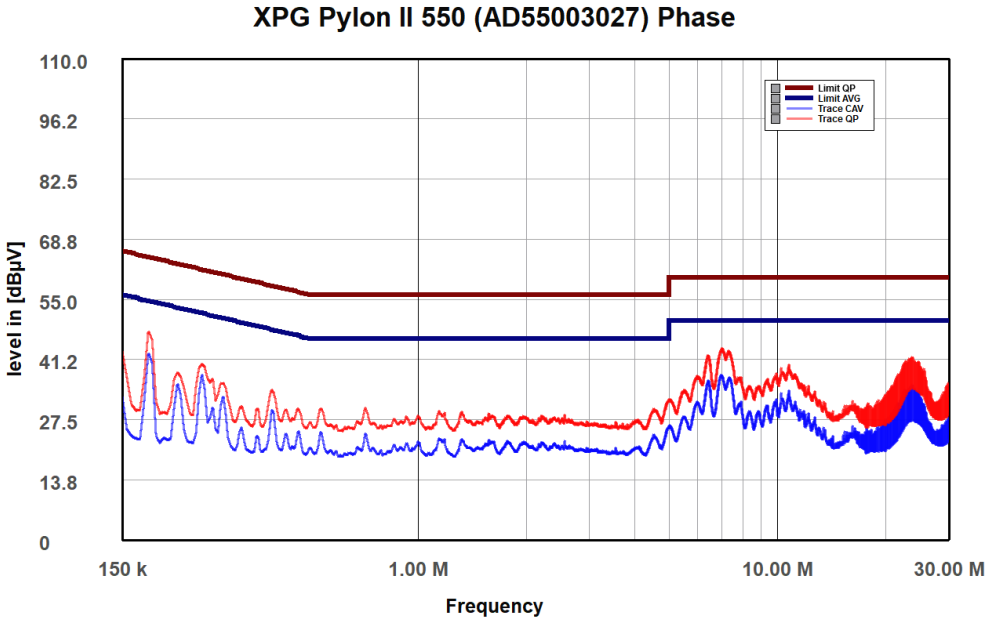
INFO

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

Conducted Emissions EN 55032 & CISPR 32



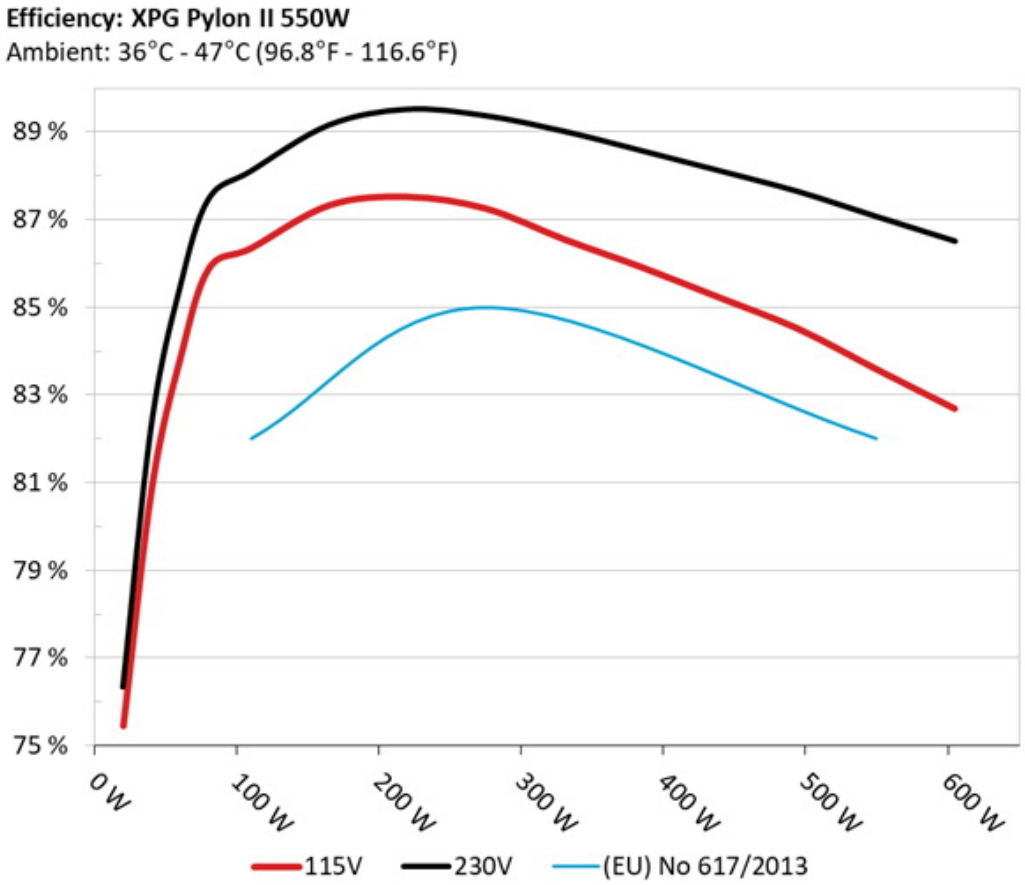
NEUTRAL



PHASE

Indicative Performance

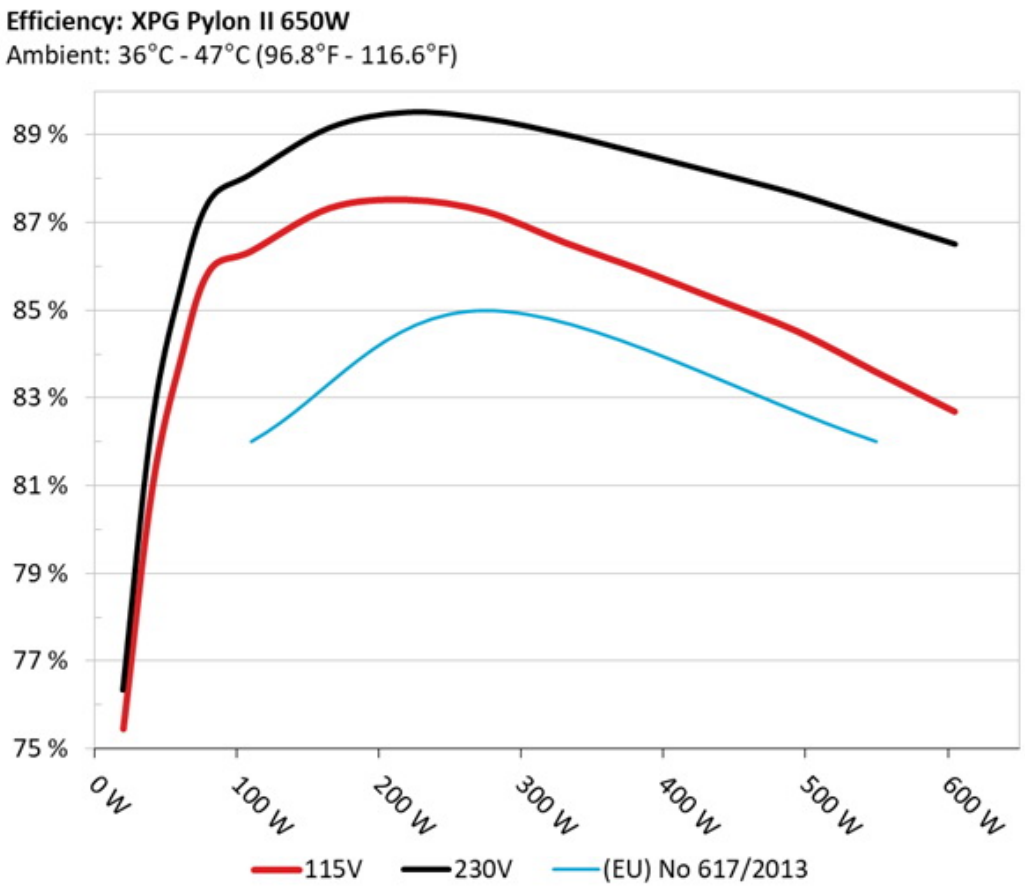
Efficiency under high ambient temperature



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**	0.232W	71.713%	0.033
	5.159V	0.324W		114.97V
2	**0.09A**	0.464W	75.677%	0.061
	5.159V	0.613W		114.92V
3	**0.55A**	2.832W	79.188%	0.272
	5.146V	3.576W		114.94V
4	**1A**	5.135W	78.639%	0.369
	5.134V	6.53W		114.95V
5	**1.5A**	7.681W	78.351%	0.418
	5.119V	9.805W		114.96V
6	**3.001A**	15.232W	76.584%	0.483
	5.077V	19.889W		114.96V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	**0.045A**	0.232W	59.944%	0.012
	5.161V	0.388W		230.1V
2	**0.09A**	0.464W	66.806%	0.021
	5.16V	0.695W		230.1V
3	**0.55A**	2.832W	76.956%	0.106
	5.147V	3.681W		230.1V
4	**1A**	5.136W	78.074%	0.175
	5.134V	6.578W		230.08V
5	**1.5A**	7.682W	78.488%	0.235
	5.12V	9.788W		230.06V
6	**3.001A**	15.234W	78.406%	0.338
	5.077V	19.428W		230.04V

Protection Features

OCP (Normal @ 27.2°C)	12V: 54.80A (120.44%), 12.026V 5V: 24.2A (121.00%), 5.042V 3.3V: 24.2A (121.00%), 3.402V 5VSB: 4.6A (153.33%), 5.022V
OCP (Hot @ 43.8°C)	12V: 54.00A (118.68%), 12.019V 5V: 24A (120.00%), 5.044V 3.3V: 24.3A (121.50%), 3.4V 5VSB: 4.6A (153.33%), 5.012V
OPP (Normal @ 28.0°C)	773.96W (140.72%)
OPP (Hot @ 43.2°C)	765.00W (139.09%)
OTP	✓ (104°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

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%	**2.768A**	**1.99A**	**1.974A**	**0.976A**	55.006	82.538%	956	26.6	40.15°C	0.986
	12.070V	5.027V	3.343V	5.124V	66.65				41.57°C	114.94V
20%	**6.554A**	**2.985A**	**2.961A**	**1.174A**	109.954	86.349%	958	26.6	40.52°C	0.995
	12.062V	5.027V	3.343V	5.11V	127.329				42.57°C	114.93V
30%	**10.693A**	**3.483A**	**3.456A**	**1.374A**	164.948	87.329%	961	26.7	41.39°C	0.997
	12.054V	5.026V	3.342V	5.097V	188.889				45.48°C	114.93V
40%	**14.846A**	**3.981A**	**3.95A**	**1.574A**	220.029	87.519%	964	26.8	41.52°C	0.998
	12.046V	5.025V	3.342V	5.084V	251.381				47.23°C	114.92V
50%	**18.654A**	**4.976A**	**4.936A**	**1.776A**	275.024	87.254%	967	26.9	42.12°C	0.999
	12.036V	5.026V	3.343V	5.069V	315.195				50.16°C	114.9V
60%	**22.469A**	**5.97A**	**5.922A**	**1.979A**	330.029	86.553%	1310	35	42.75°C	0.999
	12.026V	5.026V	3.344V	5.054V	381.29				51.1°C	114.88V
70%	**26.286A**	**6.966A**	**6.909A**	**2.183A**	385.044	85.911%	1551	39	43.16°C	0.999
	12.019V	5.026V	3.344V	5.039V	448.205				50.81°C	114.85V
80%	**30.126A**	**7.96A**	**7.894A**	**2.288A**	439.731	85.219%	1750	42.1	43.66°C	0.999
	12.011V	5.026V	3.344V	5.028V	515.979				50.96°C	114.83V
90%	**34.347A**	**8.459A**	**8.373A**	**2.392A**	494.777	84.513%	1967	45.4	44.51°C	0.999
	12.003V	5.025V	3.344V	5.018V	585.446				52.49°C	114.81V
100%	**38.380A**	**8.958A**	**8.883A**	**3.006A**	550.005	83.588%	2150	47.5	45.17°C	0.999
	11.993V	5.024V	3.343V	4.991V	658.004				56.1°C	114.79V
110%	**42.277A**	**9.952A**	**9.957A**	**3.012A**	604.963	82.691%	2147	47.5	46.3°C	0.999
	11.984V	5.024V	3.344V	4.981V	731.606				58.01°C	114.78V
CL1	**0.116A**	**14.324A**	**14.169A**	**0A**	121.297	82.336%	976	27.2	40.84°C	0.996
	12.047V	5.041V	3.366V	5.121V	147.309				49.02°C	114.93V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
CL2	**0.116A**	**19.78A**	**0A**	**0A**	101.395	80.73%	975	27.2	40.8°C	0.995
	12.056V	5.055V	3.334V	5.134V	125.592				45.51°C	114.94V
CL3	**0.116A**	**0A**	**19.508A**	**0A**	67.389	77.712%	958	26.6	40.56°C	0.991
	12.058V	5.019V	3.383V	5.135V	86.735				43.11°C	114.96V
CL4	**45.785A**	**0A**	**0A**	**0A**	549.673	84.784%	1792	43.1	45.68°C	0.999
	12.005V	5.017V	3.326V	5.094V	648.322				55.9°C	114.83V

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%	**2.768A**	**1.991A**	**1.976A**	**0.977A**	55.017	84.019%	963	26.8	40.05°C	0.949
	12.069V	5.024V	3.341V	5.121V	65.477				43.29°C	229.99V
20%	**6.556A**	**2.988A**	**2.964A**	**1.175A**	109.979	88.101%	966	26.8	40.82°C	0.976
	12.061V	5.022V	3.341V	5.108V	124.823				44.74°C	229.98V
30%	**10.696A**	**3.487A**	**3.459A**	**1.374A**	164.984	89.154%	967	26.9	41.07°C	0.984
	12.053V	5.021V	3.34V	5.095V	185.065				45.89°C	229.97V
40%	**14.850A**	**3.986A**	**3.954A**	**1.575A**	220.075	89.511%	970	27	41.87°C	0.989
	12.044V	5.019V	3.339V	5.081V	245.85				48.08°C	229.96V
50%	**18.660A**	**4.984A**	**4.943A**	**1.777A**	275.081	89.365%	1104	30.8	42.23°C	0.992
	12.034V	5.018V	3.339V	5.066V	307.818				49.81°C	229.95V
60%	**22.475A**	**5.982A**	**5.93A**	**1.98A**	330.083	89.01%	1345	35.9	42.77°C	0.995
	12.025V	5.017V	3.34V	5.051V	370.838				50.22°C	229.94V
70%	**26.293A**	**6.981A**	**6.918A**	**2.184A**	385.091	88.564%	1597	39.9	43.35°C	0.996
	12.017V	5.016V	3.34V	5.037V	434.802				50.84°C	229.93V
80%	**30.140A**	**7.98A**	**7.906A**	**2.289A**	439.852	88.106%	1814	43.1	43.58°C	0.997
	12.009V	5.014V	3.34V	5.026V	499.221				51.44°C	229.93V
90%	**34.363A**	**8.481A**	**8.386A**	**2.394A**	494.879	87.633%	2053	46.1	44.21°C	0.998
	12.000V	5.012V	3.339V	5.015V	564.716				52.33°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%	**38.395A**	**8.982A**	**8.896A**	**3.008A**	550.098	87.061%	2157	47.7	45.95°C	0.998
	11.991V	5.011V	3.339V	4.988V	631.846				55.17°C	229.91V
110%	**42.301A**	**9.982A**	**9.971A**	**3.014A**	605.106	86.504%	2157	47.7	46.62°C	0.999
	11.981V	5.01V	3.34V	4.978V	699.542				56.8°C	229.9V
CL1	**0.117A**	**14.382A**	**14.185A**	**0A**	121.316	83.597%	977	27.2	40.08°C	0.98
	12.045V	5.02V	3.363V	5.119V	145.138				46.18°C	229.97V
CL2	**0.116A**	**19.875A**	**0A**	**0A**	101.407	16.224%	982	26.8	41.28°C	0.998
	12.055V	5.031V	3.335V	5.131V	625.05				47.47°C	229.95V
CL3	**0.116A**	**0A**	**19.526A**	**0A**	67.404	10.784%	968	26.9	41.46°C	0.998
	12.055V	5.019V	3.38V	5.132V	625.05				46.41°C	229.95V
CL4	**45.823A**	**0A**	**0A**	**0A**	549.911	87.979%	1898	44.4	45.6°C	0.998
	12.001V	5.017V	3.326V	5.091V	625.05				54.53°C	229.95V

The results above are not used in the certification process

Light Load Tests

115V

est	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
20W	**1.231A**	**0.497A**	**0.494A**	**0.194A**	20.015	75.455%	945	25.9	36.4°C	0.952
	12.076V	5.027V	3.341V	5.152V	26.535				38.81°C	114.93V
40W	**2.709A**	**0.696A**	**0.691A**	**0.292A**	40.009	80.872%	947	26	37.31°C	0.977
	12.070V	5.026V	3.341V	5.146V	49.481				40.79°C	114.93V
60W	**4.188A**	**0.896A**	**0.889A**	**0.389A**	60.003	83.827%	950	26.1	38.42°C	0.987
	12.067V	5.026V	3.341V	5.141V	71.579				40.03°C	114.93V
80W	**5.665A**	**1.095A**	**1.087A**	**0.487A**	79.965	85.875%	951	26.1	39.15°C	0.992
	12.061V	5.025V	3.34V	5.136V	93.115				40.99°C	114.93V

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	**1.230A**	**0.497A**	**0.494A**	**0.194A**	20.011	76.335%	952	26.2	36.06°C	0.609
	12.078V	5.027V	3.341V	5.151V	26.207				37.61°C	230V
40W	**2.708A**	**0.697A**	**0.691A**	**0.292A**	40.009	82.302%	955	26.5	37.12°C	0.889
	12.075V	5.025V	3.341V	5.146V	48.622				39.24°C	230V
60W	**4.186A**	**0.896A**	**0.889A**	**0.389A**	60.008	85.433%	958	26.6	38.75°C	0.954
	12.071V	5.024V	3.34V	5.14V	70.211				41.13°C	230V
80W	**5.664A**	**1.095A**	**1.087A**	**0.487A**	79.98	87.451%	960	26.7	39.15°C	0.967
	12.068V	5.024V	3.34V	5.134V	91.469				42.27°C	229.99V

The results above are not used in the certification process

Ripple Measurements

115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	23.10mV	11.53mV	7.73mV	8.76mV	Pass
20% Load	15.93mV	11.53mV	7.02mV	8.41mV	Pass
30% Load	17.05mV	12.19mV	7.32mV	8.36mV	Pass
40% Load	18.98mV	12.85mV	7.53mV	8.71mV	Pass
50% Load	21.63mV	13.98mV	8.29mV	10.70mV	Pass
60% Load	31.65mV	16.58mV	9.36mV	10.95mV	Pass
70% Load	33.99mV	17.34mV	9.77mV	11.67mV	Pass
80% Load	41.98mV	18.11mV	12.16mV	12.94mV	Pass
90% Load	38.93mV	18.77mV	12.97mV	13.40mV	Pass
100% Load	34.56mV	19.43mV	13.51mV	16.13mV	Pass
110% Load	44.97mV	20.68mV	14.66mV	21.40mV	Pass
Crossload1	21.08mV	21.86mV	15.59mV	10.05mV	Pass
Crossload2	22.90mV	29.33mV	10.22mV	10.90mV	Pass

Test	12V	5V	3.3V	5VSB	Pass/Fail
Crossload3	19.08mV	15.71mV	21.72mV	8.97mV	Pass
Crossload4	32.13mV	14.17mV	9.79mV	9.25mV	Pass

The results above are not used in the certification process

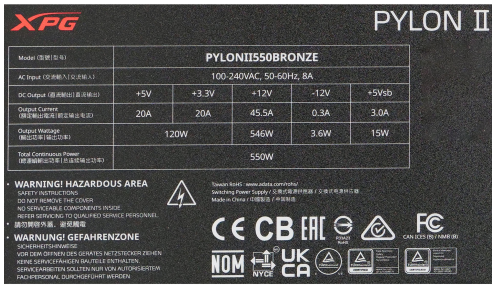
230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	20.51mV	11.32mV	7.43mV	8.66mV	Pass
20% Load	15.77mV	11.58mV	7.07mV	8.00mV	Pass
30% Load	16.69mV	12.04mV	7.12mV	8.36mV	Pass
40% Load	18.27mV	13.11mV	7.32mV	8.46mV	Pass
50% Load	29.87mV	15.41mV	8.85mV	11.05mV	Pass
60% Load	30.68mV	16.22mV	9.10mV	10.70mV	Pass
70% Load	34.81mV	17.14mV	9.10mV	11.36mV	Pass
80% Load	42.69mV	18.16mV	12.26mV	12.69mV	Pass
90% Load	37.81mV	18.87mV	12.36mV	13.50mV	Pass
100% Load	41.41mV	20.35mV	13.30mV	14.16mV	Pass
110% Load	39.94mV	20.82mV	13.64mV	14.59mV	Pass
Crossload1	19.80mV	22.68mV	15.80mV	10.50mV	Pass
Crossload2	21.06mV	28.46mV	9.87mV	10.50mV	Pass
Crossload3	19.79mV	15.56mV	21.36mV	8.97mV	Pass
Crossload4	38.47mV	13.49mV	9.27mV	9.27mV	Pass

The results above are not used in the certification process

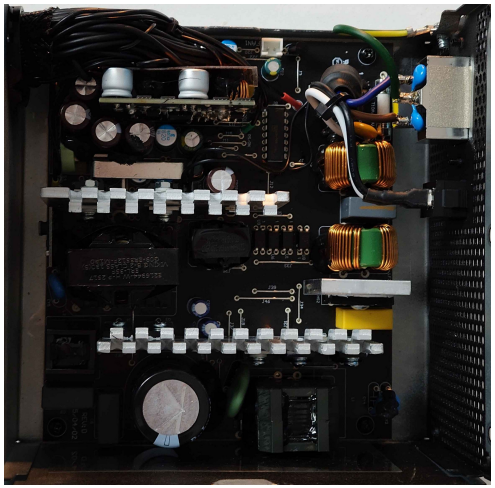
XPG Pylon II 550W

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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