



XPG Pylon II 650W

Serial Number -

Lab ID AD65003029

Certification ID 253029

Test Result Report ID: 25PS3029A

Certificate Issue Date: Nov 13, 2025

Scheme: ETA-EMI PSU

115V

230V

115V

230V

Scheme: LAMBDA PSU

Outside Validation Scope

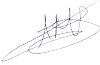
General Information

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	XPG
Model	Pylon II 650W
OEM/ODM	CWT
Serial Number	-
Product Specifications	
Manufacturer-Provided Information	
Rated Voltage (Vrms)	100-240
Rated Current (Arms)	10

Rated Frequency (Hz)	50-60
Rated Power (W)	650
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	X
Cybenetics Testing Information	
Lab ID	AD65003029
Date of receipt	Oct 17, 2025
Testing Date	Nov 12, 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 (550mm+150mm)	1	2	18AWG	Copper
12+4 pin PCIe (590mm) (450W)	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	X

Power Specifications

Rail		3.3V	5V	12V	5VSB	-12V
Max. Power	Amps	20	20	54	3	0.3
	Watts	120		648	15	3.6
Total Max. Power (W)		650				

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)	Yangzhou GBU1506 (600V, 15A @ 100°C)
APFC MOSFETs	2x CMS60R180D
APFC Boost Diode	CRMicr CRXI06D065G2 (650V, 6A @ 167°C)
Bulk Cap(s)	Nippon Chemi-Con (400V, 470uF, 2000h @ 105°C, KMW)
Main Switchers	2x InPower ITA20N50R (500V, 12.5A @ 100°C, Rds(on): 0.30hm)
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	Galaxy Microelectronics D10PS45L (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)	85.524%
Average Noise Output (>1450 Load Combinations)	29.24dBA
Average PF (>1450 Load Combinations)	0.996

Efficiency With 10W ($\leq 500W$) or 2% ($> 500W$) Load	71.269%
Standby Power Consumption	0.0264W
Non-Accredited	
12V Ripple (Full Load)	55.30mV
5V Ripple (Full Load)	31.95mV
3.3V Ripple (Full Load)	27.81mV
5VSB Ripple (Full Load)	27.33mV
12V Load Regulation	1.30%
5V Load Regulation	1.36%
3.3V Load Regulation	2.11%
5VSB Load Regulation	3.64%
Inrush Current	33.070A

230V

Accredited	
Average Efficiency (> 1450 load combinations)	87.581%
Average Noise Output (> 1450 Load Combinations)	28.96dBA
Average PF (> 1450 Load Combinations)	0.985
Efficiency With 10W ($\leq 500W$) or 2% ($> 500W$) Load	71.027%
Standby Power Consumption	0.0728W
Non-Accredited	
12V Ripple (Full Load)	52.40mV
5V Ripple (Full Load)	33.25mV
3.3V Ripple (Full Load)	28.06mV
5VSB Ripple (Full Load)	25.32mV
12V Load Regulation	1.31%
5V Load Regulation	1.33%
3.3V Load Regulation	1.99%
5VSB Load Regulation	3.66%
Inrush Current	63.750A
12V Transient Response (200%)	11.42V
5V Transient Response (200%)	4.895V

3.3V Transient Response (200%)	3.202V	
5VSB Transient Response (200%)	5.004V	
Hold-Up Time & PWR_OK Signal	20.20ms	
AC Loss to PWR_OK Hold Up Time	18.80ms	
PWR_OK Inactive to DC Loss Delay	1.40ms	
PSU Timings: T1 (20% / 100%)	127.0ms	96.0ms
PSU Timings: T3 (20% / 100%)	123.0ms	122.0ms
12V OCP (28.5°C / 43.2°C)	66.40A (122.96%), 12.012V	64.80A (120.00%), 12.008V
5V OCP (28.5°C / 43.2°C)	23.7A (118.50%), 4.977V	23.6A (118.00%), 4.98V
3.3V OCP (28.5°C / 43.2°C)	24.3A (121.50%), 3.238V	24.4A (122.00%), 3.245V
5VSB OCP (28.5°C / 43.2°C)	4.7A (156.67%), 5.012V	4.6A (153.33%), 5.008V
OPP (31.10°C / 42.42°C)	140.18%	135.86%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	20.2
AC Loss to PWR_OK Hold Up Time (ms)	18.8
PWR_OK Inactive to DC Loss Delay (ms)	1.4

Vampire Power

Tables

115V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.02 V	114.98 V	113.85 V	115.10 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	59.98 Hz	59.40 Hz	60.01 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.416	1.415	1.340	1.417	1.490	PASS
Mains Voltage THD:	0.13 %	0.11 %	N/A	0.16 %	2.00 %	PASS
Real Power:	0.026 W	-0.000 W	N/A	0.051 W	N/A	N/A

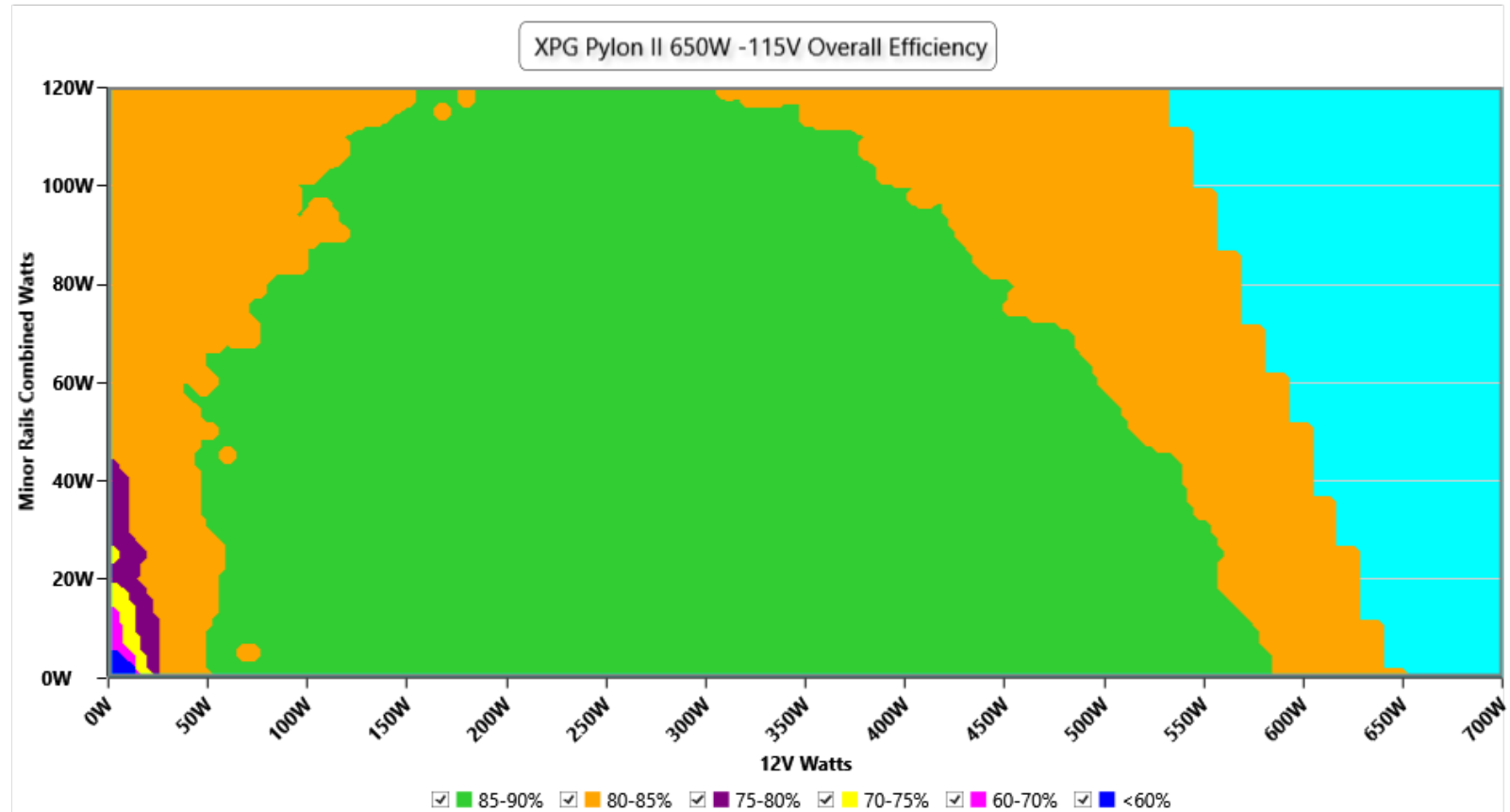
Apparent Power:	10.249 W	10.223 W	N/A	10.278 W	N/A	N/A
Power Factor:	0.004	N/A	N/A	N/A	N/A	N/A

230V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	230.00 V	229.96 V	227.70 V	230.01 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:	1.416	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:	0.073 W	0.032 W	N/A	0.111 W	N/A	N/A
Apparent Power:	33.558 W	33.525 W	N/A	33.608 W	N/A	N/A
Power Factor:	0.001	N/A	N/A	N/A	N/A	N/A

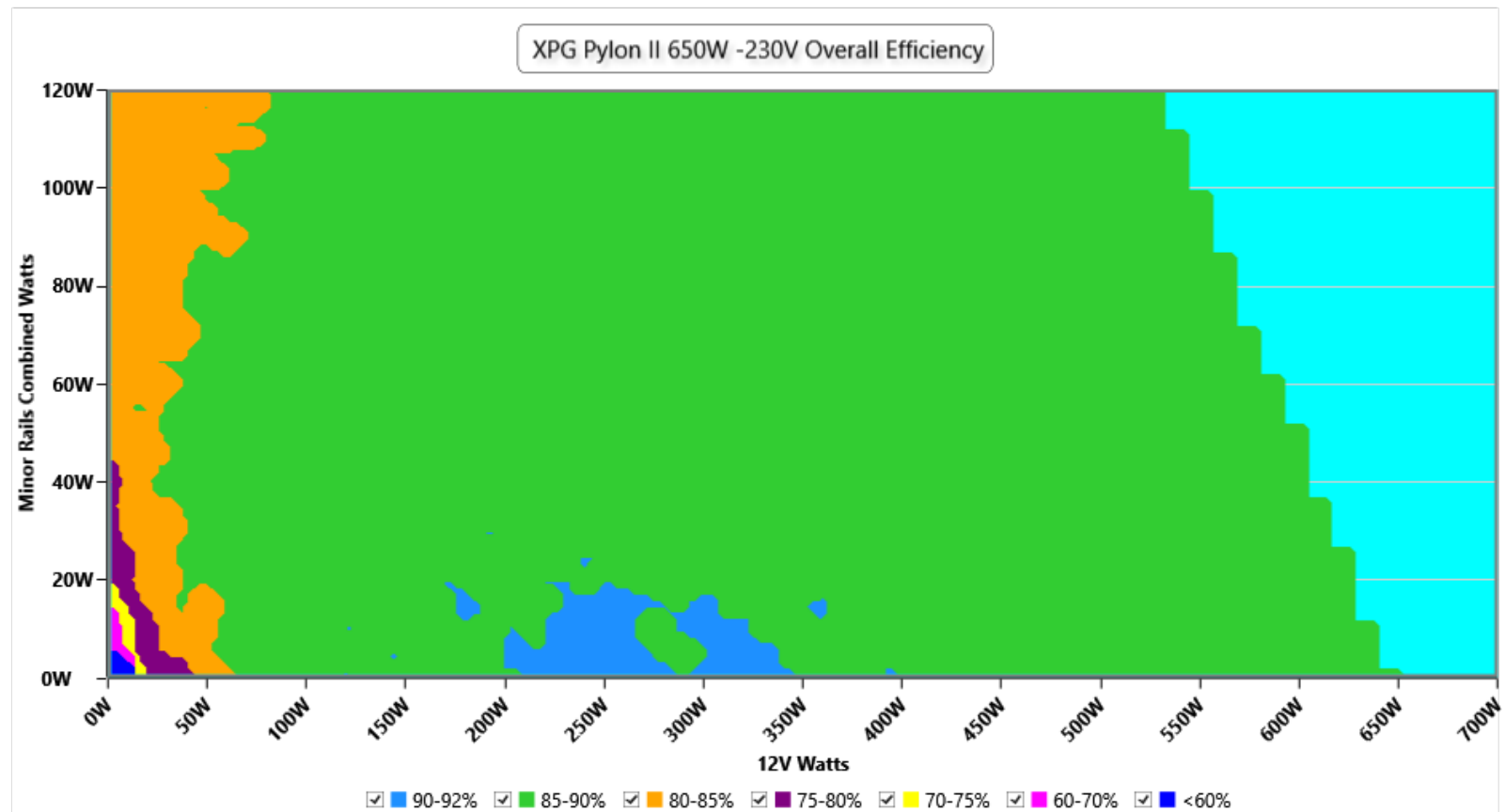
Efficiency Graph

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

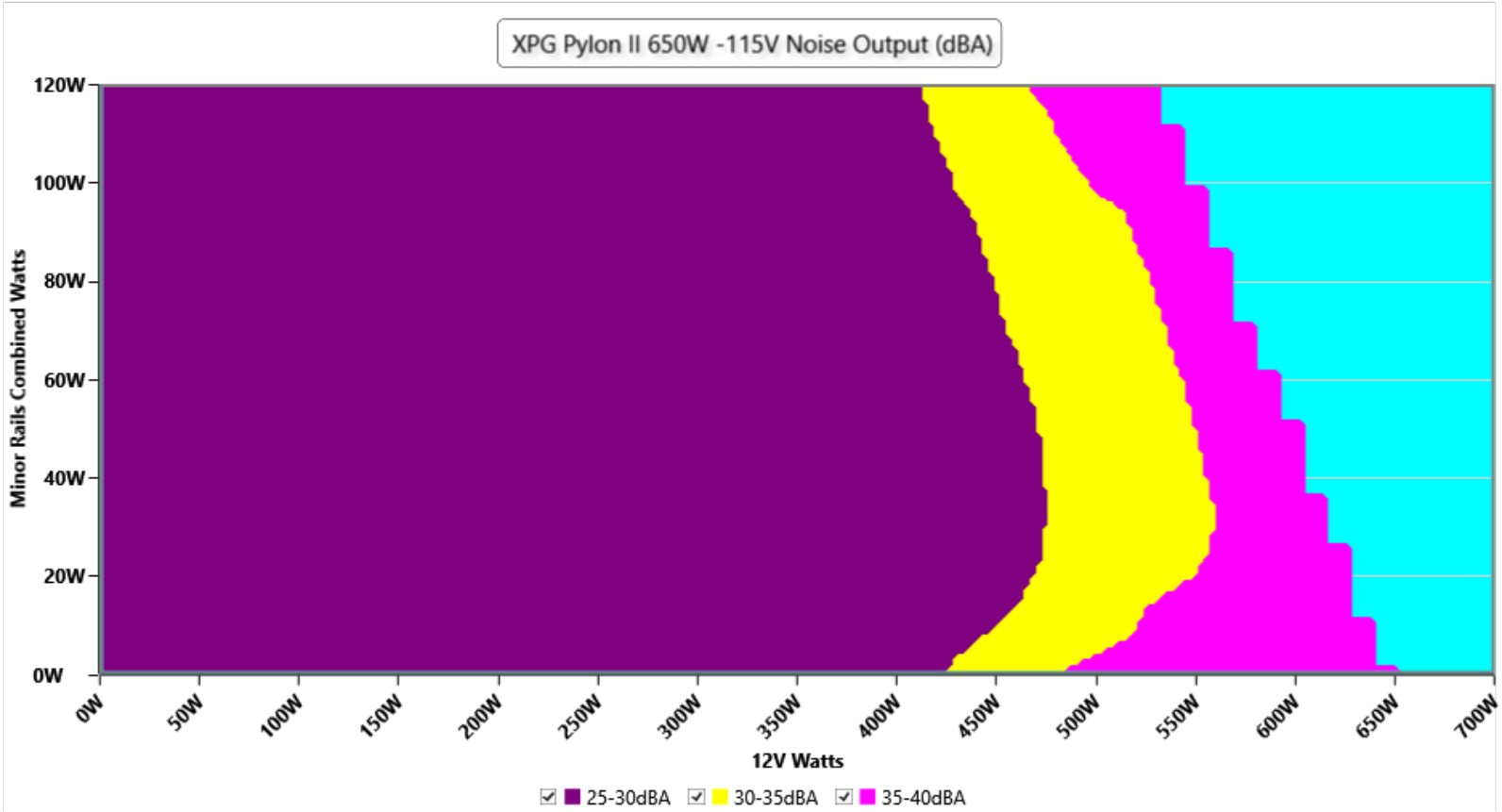


INFO

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

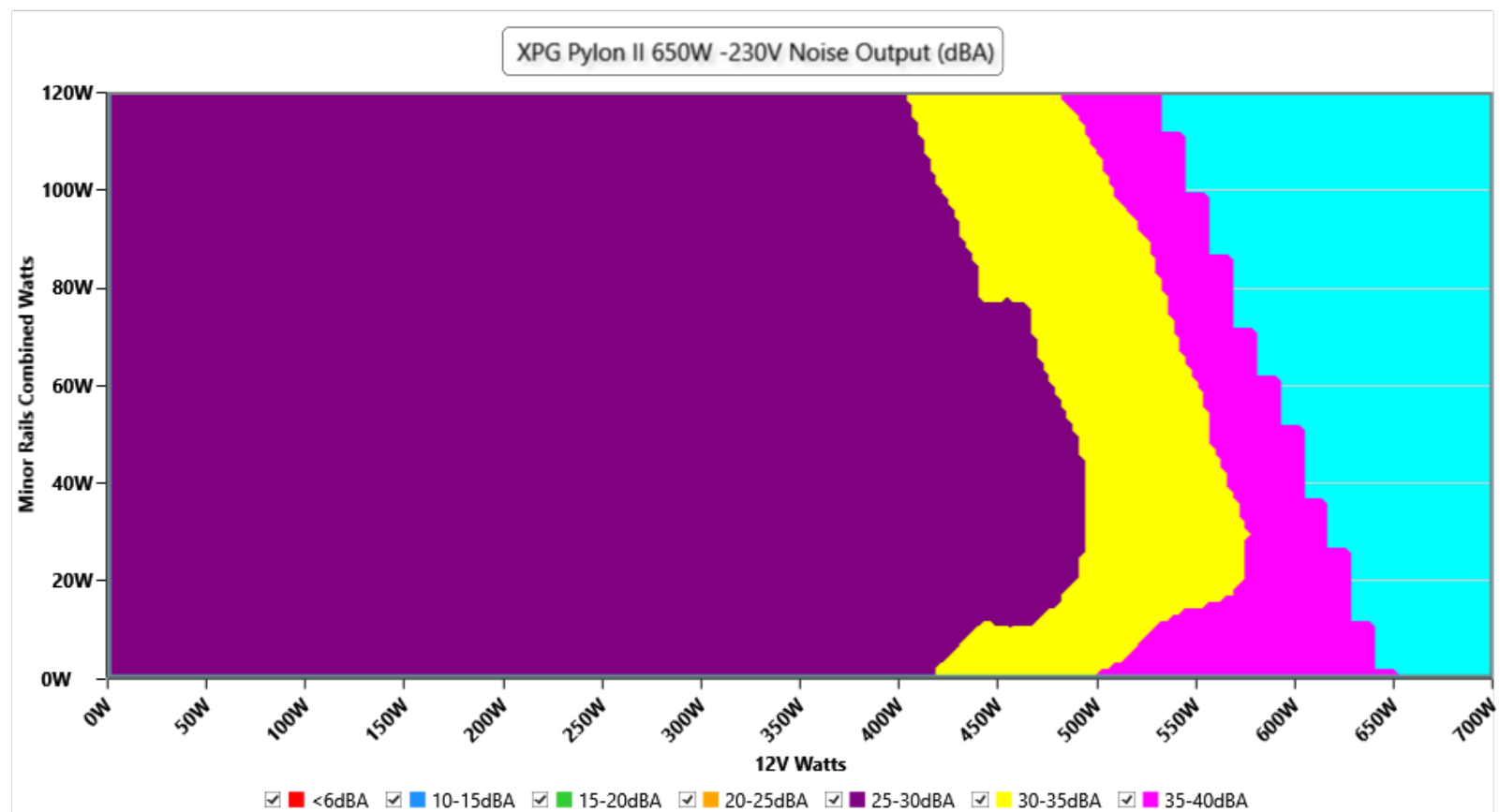
Noise Graph

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

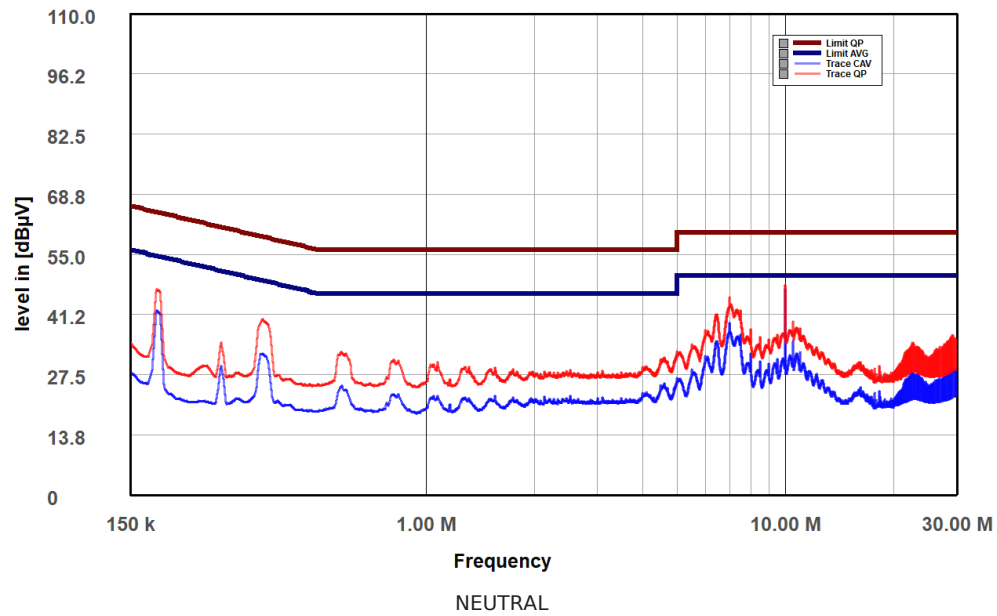


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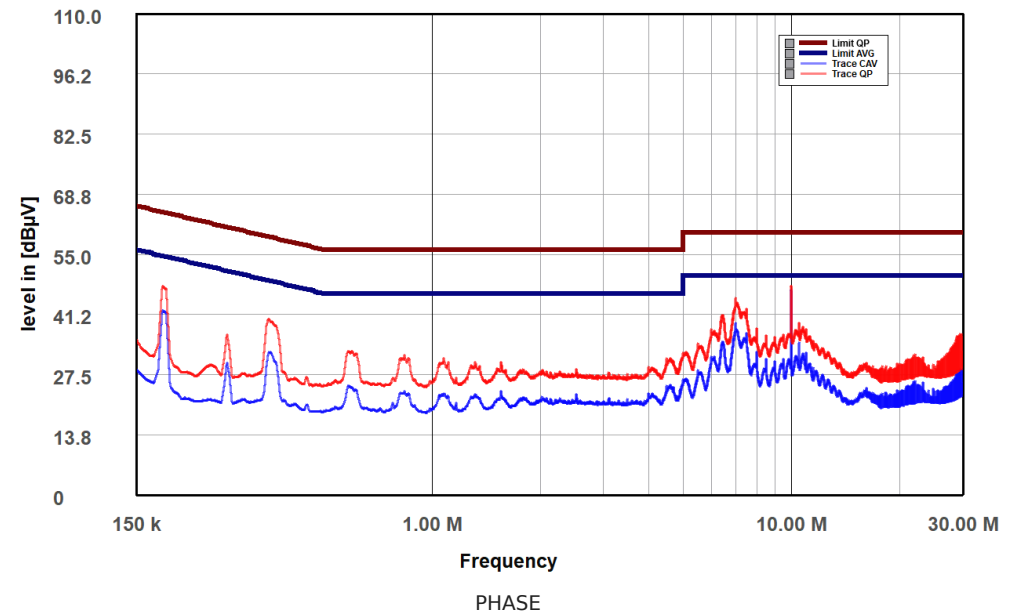
The PSU's noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails

Conducted Emissions EN 55032 & CISPR 32

XPG Pylon II 650 (AD65003029) Neutral



XPG Pylon II 650 (AD65003029) Phase

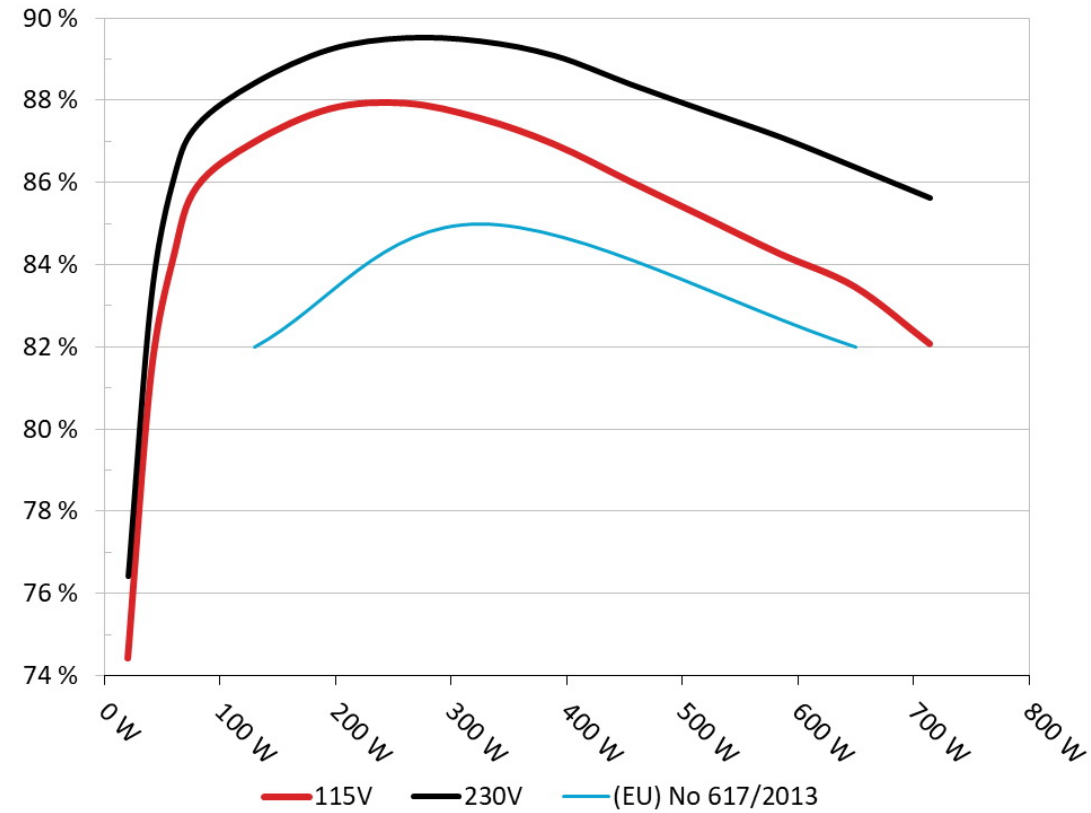


Indicative Performance

Efficiency under high ambient temperature

Efficiency: XPG Pylon II 650W

Ambient: 37°C - 47°C (98.6°F - 116.6°F)

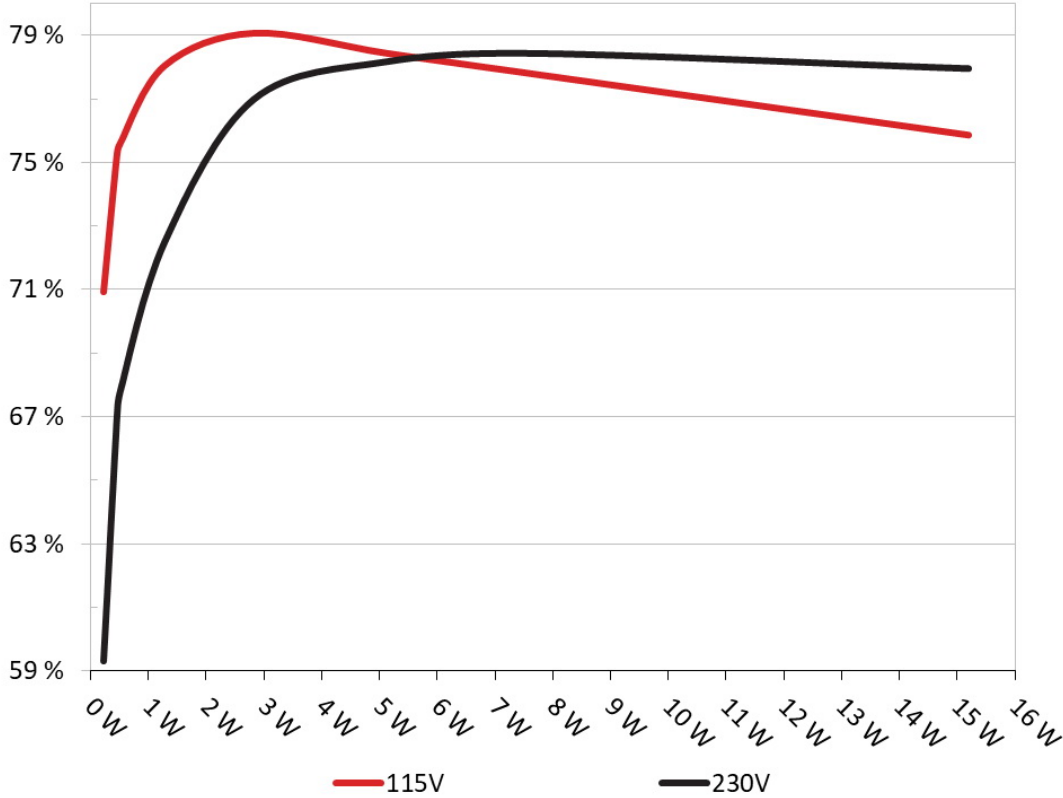


INFO

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: XPG Pylon II 650W
Ambient: 25°C - 30°C (77°F - 86°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	0.233W	70.937%	0.033
	5.164V	0.328W		115.04V
2	0.09A	0.465W	75.269%	0.061
	5.162V	0.618W		115.04V
3	0.55A	2.831W	79.063%	0.24
	5.147V	3.581W		115.04V
4	1A	5.134W	78.432%	0.308
	5.133V	6.545W		115.04V
5	1.5A	7.676W	77.779%	0.343
	5.117V	9.87W		115.04V
6	3A	15.202W	75.862%	0.387
	5.068V	20.04W		115.03V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	0.045A	0.232W	59.312%	0.012
	5.161V	0.392W		230V
2	0.09A	0.465W	67.029%	0.021
	5.16V	0.694W		230V
3	0.55A	2.831W	76.973%	0.103
	5.147V	3.678W		230V
4	1A	5.133W	78.159%	0.162
	5.133V	6.567W		230V
5	1.5A	7.675W	78.418%	0.209
	5.116V	9.789W		230V
6	3A	15.201W	77.94%	0.282
	5.067V	19.504W		230V

Protection Features

OCP (Normal @ 28.5°C)	12V: 66.40A (122.96%), 12.012V 5V: 23.7A (118.50%), 4.977V 3.3V: 24.3A (121.50%), 3.238V 5VSB: 4.7A (156.67%), 5.012V
OCP (Hot @ 43.2°C)	12V: 64.80A (120.00%), 12.008V 5V: 23.6A (118.00%), 4.98V 3.3V: 24.4A (122.00%), 3.245V 5VSB: 4.6A (153.33%), 5.008V
OPP (Normal @ 31.1°C)	911.16W (140.18%)
OPP (Hot @ 42.4°C)	883.08W (135.86%)
OTP	✓ (108°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%	3.592A	1.999A	1.983A	0.976A	65.005	84.189%	955	26.5	40.38°C	0.983
	12.085V	5.003V	3.329V	5.124V	77.206				42.93°C	115.02V
20%	8.206A	3.002A	2.981A	1.175A	129.946	87.001%	960	26.7	40.63°C	0.994
	12.070V	4.996V	3.322V	5.109V	149.36				42.43°C	114.99V
30%	13.182A	3.507A	3.484A	1.375A	194.953	87.804%	959	26.7	41.2°C	0.997
	12.055V	4.99V	3.316V	5.093V	222.067				44.09°C	114.97V
40%	18.177A	4.013A	3.989A	1.576A	260.042	87.941%	964	26.8	41.72°C	0.998
	12.039V	4.985V	3.31V	5.078V	295.684				47.65°C	114.95V
50%	22.836A	5.023A	4.997A	1.779A	325.046	87.573%	967	26.9	42.09°C	0.998
	12.022V	4.978V	3.302V	5.06V	371.161				51.68°C	114.93V
60%	27.456A	6.036A	6.009A	1.984A	389.423	86.938%	1046	29.2	42.98°C	0.998
	12.005V	4.971V	3.295V	5.042V	447.951				54.52°C	114.9V
70%	32.171A	7.052A	7.027A	2.189A	454.755	86.038%	1357	36.3	43.16°C	0.998
	11.988V	4.964V	3.288V	5.025V	528.592				54.48°C	114.87V
80%	36.892A	8.069A	8.049A	2.295A	519.535	85.16%	1617	40.2	43.79°C	0.998
	11.971V	4.956V	3.28V	5.011V	610.065				54.85°C	114.84V
90%	42.031A	8.584A	8.551A	2.401A	584.939	84.269%	1927	44.8	44.41°C	0.998
	11.955V	4.95V	3.275V	4.998V	694.122				56.71°C	114.82V
100%	46.886A	9.1A	9.086A	3.015A	649.68	83.469%	2132	47.2	45.83°C	0.998
	11.944V	4.944V	3.269V	4.976V	778.354				58.14°C	114.79V
110%	51.688A	10.124A	10.211A	3.027A	714.331	82.084%	2145	47.5	46.43°C	0.998
	11.919V	4.938V	3.261V	4.956V	870.226				64.98°C	114.76V
CL1	0.116A	14.548A	14.528A	0A	121.288	81.489%	981	26.8	42.2°C	0.993
	12.062V	4.962V	3.283V	5.118V	148.849				52.23°C	114.99V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
CL2	0.115A	20.133A	0A	0A	101.338	80.002%	979	27	40.84°C	0.992
	12.075V	4.964V	3.32V	5.133V	126.649				47.54°C	115V
CL3	0.115A	0.001A	20.182A	0.001A	67.401	75.325%	963	26.8	40.13°C	0.986
	12.078V	4.995V	3.271V	5.136V	89.471				44.3°C	115.02V
CL4	54.381A	0A	0A	0A	649.528	84.158%	1849	43.4	45.59°C	0.998
	11.945V	4.978V	3.301V	5.077V	771.777				59.63°C	114.8V

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%	3.592A	1.999A	1.982A	0.976A	65.005	85.664%	957	26.6	40.01°C	0.96
	12.085V	5.003V	3.33V	5.124V	75.951				41.93°C	229.99V
20%	8.206A	3.002A	2.98A	1.174A	129.946	88.443%	958	26.6	40.58°C	0.971
	12.070V	4.996V	3.323V	5.109V	146.978				42.42°C	229.98V
30%	13.181A	3.507A	3.482A	1.374A	194.955	89.255%	957	26.6	41.19°C	0.98
	12.056V	4.99V	3.317V	5.094V	218.395				41.38°C	229.97V
40%	18.175A	4.013A	3.987A	1.575A	260.045	89.53%	962	26.8	41.64°C	0.987
	12.041V	4.985V	3.311V	5.079V	290.464				44.57°C	229.96V
50%	22.835A	5.023A	4.994A	1.779A	325.052	89.45%	966	26.8	42.19°C	0.991
	12.023V	4.978V	3.304V	5.061V	363.397				47.89°C	229.95V
60%	27.456A	6.036A	6.005A	1.983A	389.441	89.095%	1008	27.5	42.78°C	0.994
	12.006V	4.971V	3.298V	5.043V	437.171				49.86°C	229.93V
70%	32.170A	7.052A	7.021A	2.189A	454.776	88.403%	1367	36.4	43.42°C	0.996
	11.989V	4.964V	3.291V	5.025V	514.433				50.7°C	229.92V
80%	36.893A	8.069A	8.042A	2.295A	519.555	87.757%	1679	41.4	43.68°C	0.997
	11.972V	4.957V	3.283V	5.011V	592.066				52.03°C	229.91V
90%	42.027A	8.583A	8.543A	2.401A	584.93	87.116%	1922	44.7	44.61°C	0.997
	11.955V	4.951V	3.278V	4.999V	671.399				52.08°C	229.89V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
100%	46.910A	9.098A	9.077A	3.018A	649.726	86.38%	2147	47.5	45.3°C	0.998
	11.939V	4.945V	3.272V	4.971V	752.179				53.63°C	229.88V
110%	51.682A	10.122A	10.195A	3.026A	714.331	85.635%	2154	47.6	46.88°C	0.998
	11.921V	4.938V	3.266V	4.957V	834.188				56.77°C	229.87V
CL1	0.116A	14.544A	14.463A	0A	121.286	82.861%	980	26.8	41.04°C	0.971
	12.063V	4.963V	3.298V	5.119V	146.371				49.6°C	229.98V
CL2	0.115A	20.126A	0A	0A	101.337	81.207%	979	27	40.03°C	0.967
	12.075V	4.966V	3.319V	5.133V	124.796				46.11°C	229.98V
CL3	0.114A	0.001A	19.949A	0.001A	67.4	76.982%	964	26.8	40.19°C	0.96
	12.078V	4.995V	3.309V	5.136V	87.561				44.12°C	229.99V
CL4	54.382A	0A	0A	0A	649.51	87.398%	1806	43	45.53°C	0.998
	11.944V	4.978V	3.3V	5.077V	743.174				52.85°C	229.88V

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	1.227A	0.499A	0.494A	0.194A	19.996	74.433%	920	25.4	36.83°C	0.951
	12.099V	5.011V	3.338V	5.157V	26.874				38.11°C	115.03V
40W	2.704A	0.699A	0.693A	0.291A	39.998	81.313%	922	25.4	37.49°C	0.969
	12.092V	5.009V	3.336V	5.15V	49.189				39.61°C	115.03V
60W	4.180A	0.899A	0.891A	0.389A	59.999	84.246%	924	25.4	38.88°C	0.98
	12.087V	5.007V	3.333V	5.144V	71.233				37.19°C	115.02V
80W	5.654A	1.099A	1.09A	0.487A	79.95	85.911%	951	26.2	39.39°C	0.987
	12.083V	5.005V	3.331V	5.138V	93.079				40.16°C	115.01V

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	1.228A	0.499A	0.495A	0.194A	20.005	76.434%	947	26	36.7°C	0.598
	12.095V	5.011V	3.337V	5.153V	26.223				37.32°C	229.99V
40W	2.704A	0.699A	0.693A	0.291A	40.002	83.223%	954	26.4	37.14°C	0.883
	12.091V	5.009V	3.335V	5.149V	48.084				38.92°C	229.99V
60W	4.181A	0.899A	0.891A	0.389A	60.001	86.179%	957	26.6	38.61°C	0.955
	12.086V	5.007V	3.333V	5.143V	69.689				39.8°C	229.99V
80W	5.654A	1.099A	1.09A	0.487A	79.948	87.416%	955	26.5	39.16°C	0.961
	12.082V	5.005V	3.331V	5.138V	91.45				39.37°C	229.94V

The results above are not used in the certification process

Ripple Measurements

115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	24.81mV	24.52mV	21.99mV	22.56mV	Pass
20% Load	27.32mV	25.09mV	21.43mV	22.10mV	Pass
30% Load	28.09mV	25.60mV	22.46mV	21.33mV	Pass
40% Load	32.59mV	26.72mV	24.71mV	22.66mV	Pass
50% Load	34.74mV	27.28mV	22.82mV	24.04mV	Pass
60% Load	44.25mV	28.76mV	23.74mV	24.86mV	Pass
70% Load	55.25mV	29.89mV	24.81mV	25.98mV	Pass
80% Load	52.49mV	31.57mV	26.04mV	25.42mV	Pass
90% Load	56.74mV	32.13mV	26.96mV	26.04mV	Pass
100% Load	55.30mV	31.95mV	27.81mV	27.33mV	Pass
110% Load	59.02mV	33.99mV	26.67mV	27.82mV	Pass
Crossload1	41.93mV	38.59mV	31.28mV	22.74mV	Pass
Crossload2	44.41mV	49.25mV	29.16mV	24.35mV	Pass

Test	12V	5V	3.3V	5VSB	Pass/Fail
Crossload3	43.18mV	32.49mV	36.27mV	25.22mV	Pass
Crossload4	45.32mV	24.49mV	22.81mV	24.84mV	Pass

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	24.56mV	24.22mV	23.33mV	23.99mV	Pass
20% Load	25.73mV	23.96mV	22.56mV	21.59mV	Pass
30% Load	27.78mV	25.44mV	22.41mV	22.51mV	Pass
40% Load	33.05mV	26.31mV	22.97mV	22.51mV	Pass
50% Load	35.04mV	27.90mV	22.20mV	23.89mV	Pass
60% Load	43.18mV	28.25mV	23.07mV	23.48mV	Pass
70% Load	52.23mV	29.99mV	23.84mV	23.83mV	Pass
80% Load	51.21mV	31.27mV	27.16mV	24.96mV	Pass
90% Load	53.15mV	32.69mV	26.09mV	27.47mV	Pass
100% Load	52.40mV	33.25mV	28.06mV	25.32mV	Pass
110% Load	59.01mV	34.93mV	27.39mV	26.24mV	Pass
Crossload1	42.43mV	37.99mV	31.80mV	22.83mV	Pass
Crossload2	43.39mV	49.56mV	28.85mV	25.17mV	Pass
Crossload3	42.87mV	32.13mV	36.63mV	24.20mV	Pass
Crossload4	41.92mV	24.44mV	23.28mV	21.78mV	Pass

The results above are not used in the certification process

XPG Pylon II 650W



Top side

XPG

PYLON II

Model (型番)		PYLONII650BRONZE				
AC Input (交流電入)		100-240VAC, 50-60Hz, 10A				
DC Output (直流輸出)		+5V	+3.3V	+12V	-12V	+5Vsb
Output Current (最大輸出電流)		20A	20A	54A	0.3A	3.0A
Output Power (最大輸出功率)		120W	648W	3.6W	15W	
Total Continuous Power (總連續動作功率)		650W				

WARNING! HAZARDOUS AREA

SAFETY INSTRUCTIONS:
DO NOT REMOVE THE COVER
NO SERVICEABLE COMPONENTS INSIDE
REFER SERVICE TO QUALIFIED SERVICE PERSONNEL

警告! 危險區域

請勿拆開機殼
內部零件非合格維修人員不可擅自拆解
如有故障請洽原廠或經銷商

WARNUNG! GEFÄHRDUNG

SICHERHEITSHINWEIS
VON DER OFFENEN DER GERÄTES NETZTEILE ZU SEHEN
KEINE SERVICEFÄHIGEN BAUTEILE ENTHALTEN
SERVICEARBEITEN SOLLTEN NUR VON AUTORISIERTEM
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Taiwan RoHS: www.xgpcorp.com/rohs

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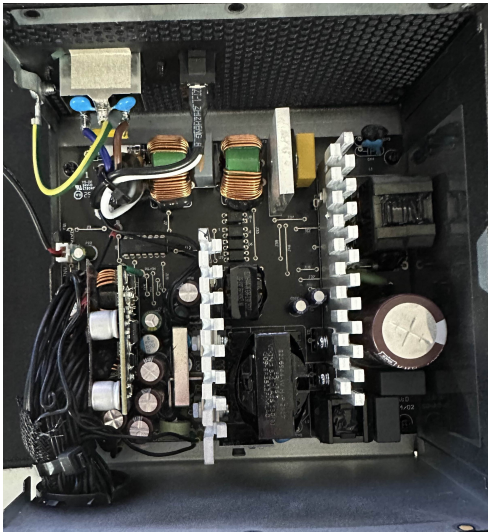
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CUL CB CBUL CBUL CBUL CBUL

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

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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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