



SMX Okame G3 850W

Serial Number 5905386993050

Lab ID SX85002827

Certification ID 252827

Test Result Report ID: 25PS2827A

Certificate Issue Date: Jun 2, 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	SMX
Model	Okame G3 850W
OEM/ODM	No Info
Serial Number	5905386993050
Product Specifications	
Manufacturer-Provided Information	
Rated Voltage (Vrms)	100-240
Rated Current (Arms)	16

Rated Frequency (Hz)	50-60
Rated Power (W)	850
Operating Temperature (Continuous Full Load) (°C)	
Type	ATX12V
Cable Design	Fully Modular
Warranty	-
Cybenetics Measurements	
Dimensions (W x H x D)	
Weight	
Cooling	120mm Rifle Bearing Fan (EFS-12E12H)
Semi-Passive Operation	X
Cybenetics Testing Information	
Lab ID	SX85002827
Date of receipt	Apr 23, 2025
Testing Date	May 26, 2025
Report Issued Date	Jun 2, 2025
DUT Notes	During "Turn-on transient and DC" power sequencing, when testing from "off to full load", the +12V rail has increased ripple.
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 (600mm)	1	1	18-22AWG	No
4+4 pin EPS12V (700mm)	2	2	18AWG	No
6+2 pin PCIe (500mm+150mm)	2	4	18AWG	No
12+4 pin PCIe (600mm) (600W)	1	1	16-24AWG	No
SATA (450mm+150mm+150mm+150mm)	2	8	18AWG	No
4-pin Molex (450mm+150mm+150mm)	1	3	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	X

Power Specifications

Rail		3.3V	5V	12V	5VSB	-12V
Max. Power	Amps	20	20	70.8	3	0.3
	Watts	103		850	15	3.6
Total Max. Power (W)		850				

Parts Description

General Data	
Manufacturer (OEM)	No Info
PCB Type	Double-Sided
Primary Side	
Transient Filter	4x Y caps, 2x X caps, 2x CM chokes, 1x MOV
Inrush Protection	1x NTC Thermistors MF72 20D-15 (20 Ohm @ 25 °C) & Relay
Bridge Rectifier(s)	2x Yangjie GBU2506 (600V, 25A @ 98°C)
APFC MOSFETs	2x Fuxin FXN25S55GF (550V, 20A @ 100°C, Rds(on): 0.12Ohm)
APFC Boost Diode	1x Global Power G3S06510A (650V, 10A @ 155°C)
Bulk Cap(s)	1x Nippon Chemi-con (450V, 560uF, 2000h @ 105°C,KMW)

Main Switchers	2x Sanrise Tech SRC60R140B (600V, 11.2A @ 125°C, Rds(on): 140mOhm)
APFC Controller	Champion CM6500UNX
Resonant Controller	Champion CM6901T6X
Topology	Primary side: APFC, Half-Bridge & LLC Resonant converter Secondary side: [12V] Synchronous Rectification & [Minor Rails] DC-DC converters
Secondary Side	
+12V MOSFETs	6x Alkaidsemi AKG40N018G (40V, 105A @ 100°C, Rds(on): 1.8mOhm)
5V & 3.3V	DC-DC Converters: 4x Excelliance EMB06N03R (20V, 45A @ 100°C, Rds(on): 6mOhm) PWM Controller(s): 2x Aplustek AT8853ZSPC
Filtering Capacitors	Electrolytic: 5x TK (@105°C, SZ) Polymer: 34x Chengx
Supervisor IC	IN1S4291-SCG
Fan Model	DWPH EFS-12E12H (120mm, 12V, 0.50A, Rifle Bearing Fan)
5VSB	
Rectifier	1x Dongke Semiconductor DK5V45R10S (45V, 10mOhm)
Standby PWM Controller	FuXin Semiconductor FXI8252S

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)	89.637%
Average Noise Output (>1450 Load Combinations)	23.77dBA
Average PF (>1450 Load Combinations)	0.976
Efficiency With 10W ($\leq$ 500W) or 2% (>500W) Load	76.900%
Standby Power Consumption	0.0367W
Non-Accredited	
12V Ripple (Full Load)	24.88mV
5V Ripple (Full Load)	15.11mV
3.3V Ripple (Full Load)	15.57mV
5VSB Ripple (Full Load)	39.82mV
12V Load Regulation	0.97%
5V Load Regulation	0.78%
3.3V Load Regulation	1.09%
5VSB Load Regulation	5.10%
Inrush Current	118.000A

230V

Accredited	
Average Efficiency (>1450 load combinations)	91.540%
Average Noise Output (>1450 Load Combinations)	24.64dBA
Average PF (>1450 Load Combinations)	0.953
Efficiency With 10W ($\leq$ 500W) or 2% (>500W) Load	74.221%
Standby Power Consumption	0.0889W
Non-Accredited	
12V Ripple (Full Load)	26.52mV
5V Ripple (Full Load)	16.19mV
3.3V Ripple (Full Load)	15.41mV

5VSB Ripple (Full Load)	41.29mV	
12V Load Regulation	0.97%	
5V Load Regulation	0.84%	
3.3V Load Regulation	1.13%	
5VSB Load Regulation	5.15%	
Inrush Current	122.400A	
12V Transient Response (200%)	11.31V	
5V Transient Response (200%)	4.954V	
3.3V Transient Response (200%)	3.225V	
5VSB Transient Response (200%)	4.943V	
Hold-Up Time & PWR_OK Signal	16.60ms	
AC Loss to PWR_OK Hold Up Time	15.20ms	
PWR_OK Inactive to DC Loss Delay	1.40ms	
PSU Timings: T1 (20% / 100%)	38.0ms	37.0ms
PSU Timings: T3 (20% / 100%)	118.0ms	118.0ms
12V OCP (25.9°C / 42.1°C)	96.00A (135.59%), 12.026V	90.60A (127.97%), 12.031V
5V OCP (25.9°C / 42.1°C)	24.5A (122.50%), 4.965V	24.4A (122.00%), 4.947V
3.3V OCP (25.9°C / 42.1°C)	25.6A (128.00%), 3.249V	25.6A (128.00%), 3.241V
5VSB OCP (25.9°C / 42.1°C)	4.5A (150.00%), 4.871V	4.5A (150.00%), 4.871V
OPP (30.70°C / 42.32°C)	126.25%	121.23%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	16.6
AC Loss to PWR_OK Hold Up Time (ms)	15.2
PWR_OK Inactive to DC Loss Delay (ms)	1.4

Vampire Power

Tables

115V

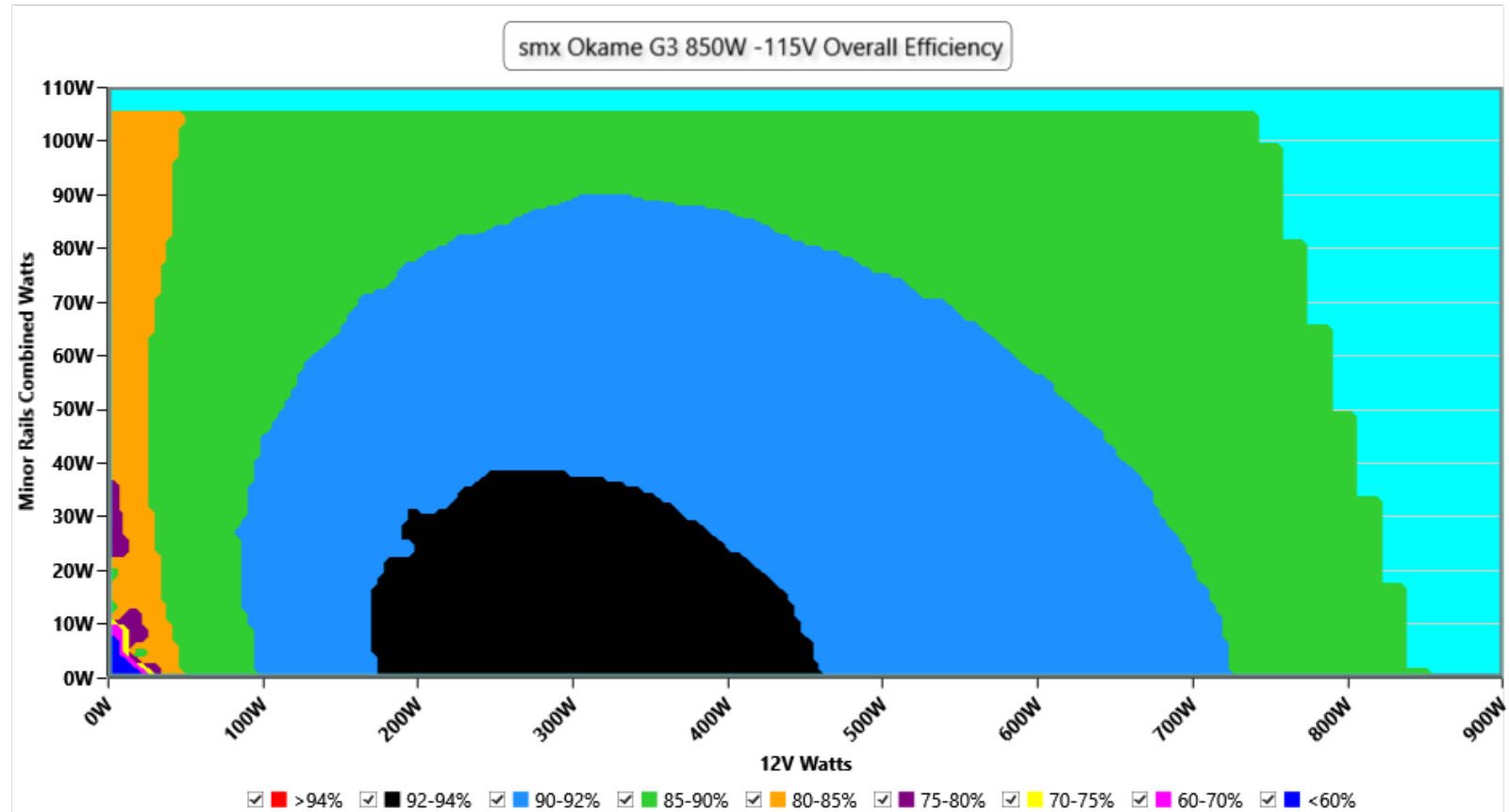
Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.07 V	115.03 V	113.85 V	115.11 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	59.99 Hz	59.40 Hz	60.01 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.416	1.415	1.340	1.418	1.490	PASS
Mains Voltage THD:	0.13 %	0.08 %	N/A	0.19 %	2.00 %	PASS
Real Power:	0.037 W	-0.011 W	N/A	0.074 W	N/A	N/A
Apparent Power:	5.107 W	4.916 W	N/A	5.297 W	N/A	N/A
Power Factor:	0.009	N/A	N/A	N/A	N/A	N/A

230V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	231.02 V	230.91 V	227.70 V	231.08 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 %	0.15 %	N/A	0.27 %	2.00 %	PASS
Real Power:	0.089 W	0.050 W	N/A	0.141 W	N/A	N/A
Apparent Power:	16.905 W	16.632 W	N/A	17.173 W	N/A	N/A
Power Factor:	0.005	N/A	N/A	N/A	N/A	N/A

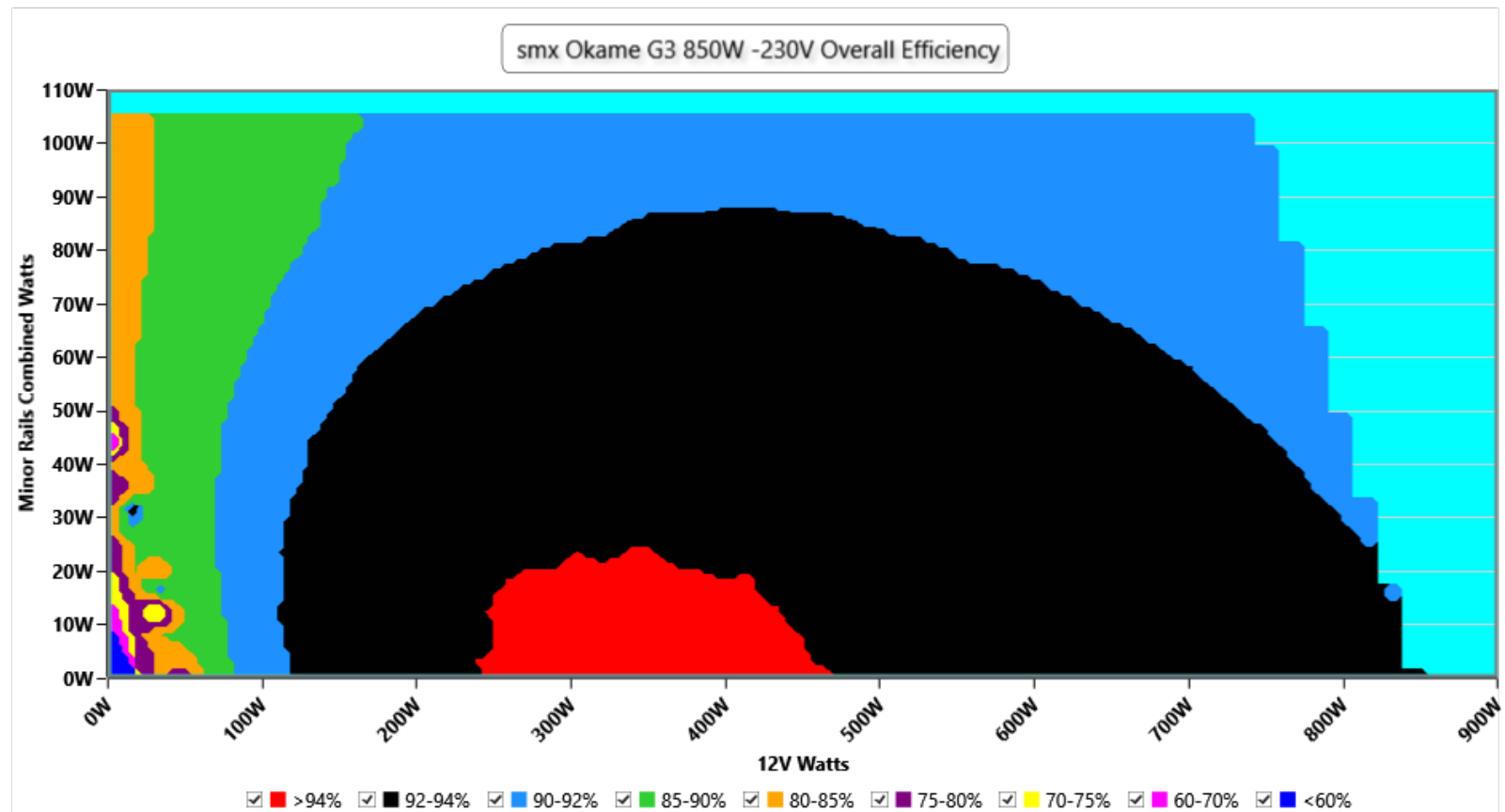
Efficiency Graph

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

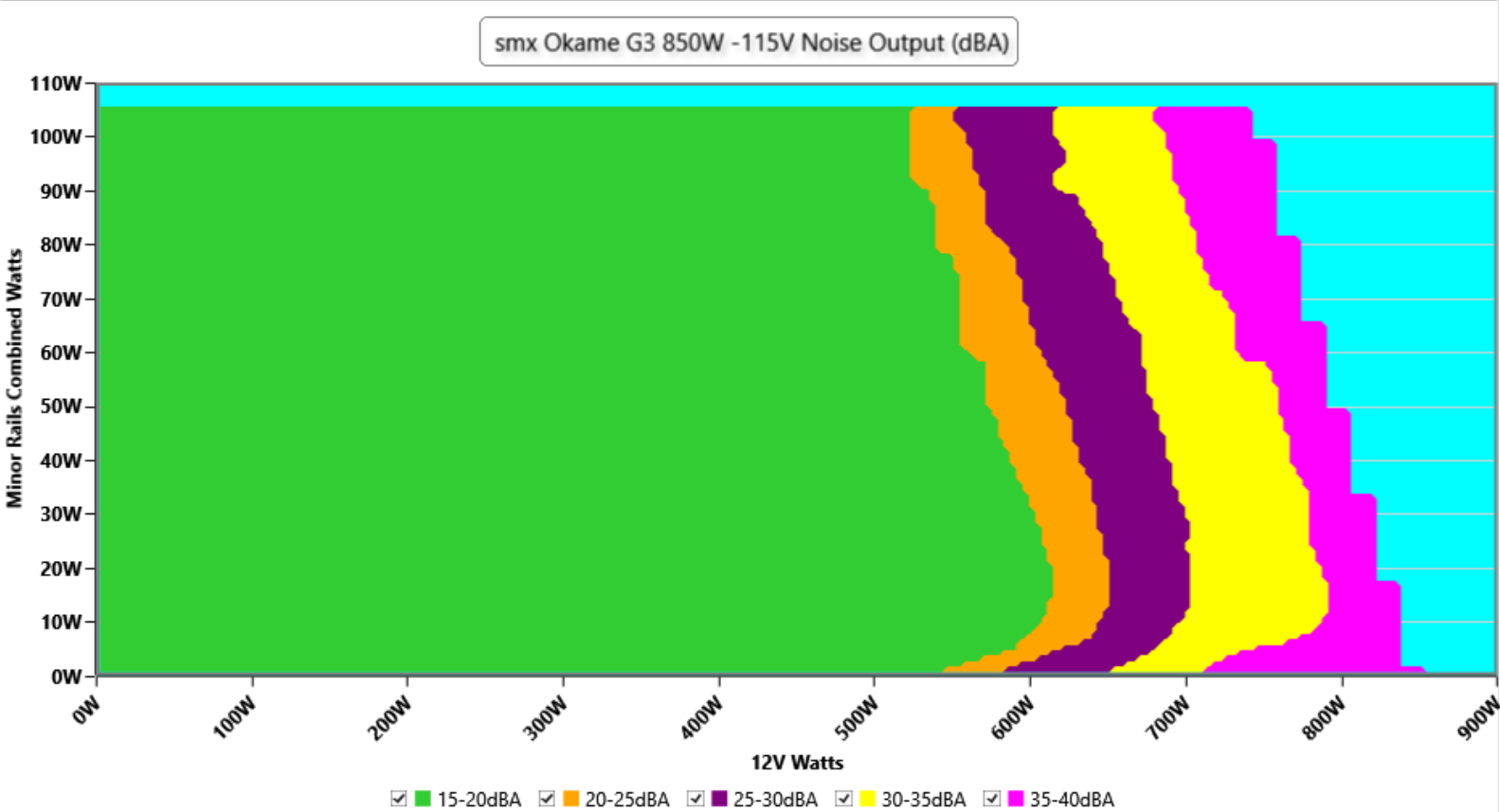


INFO

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

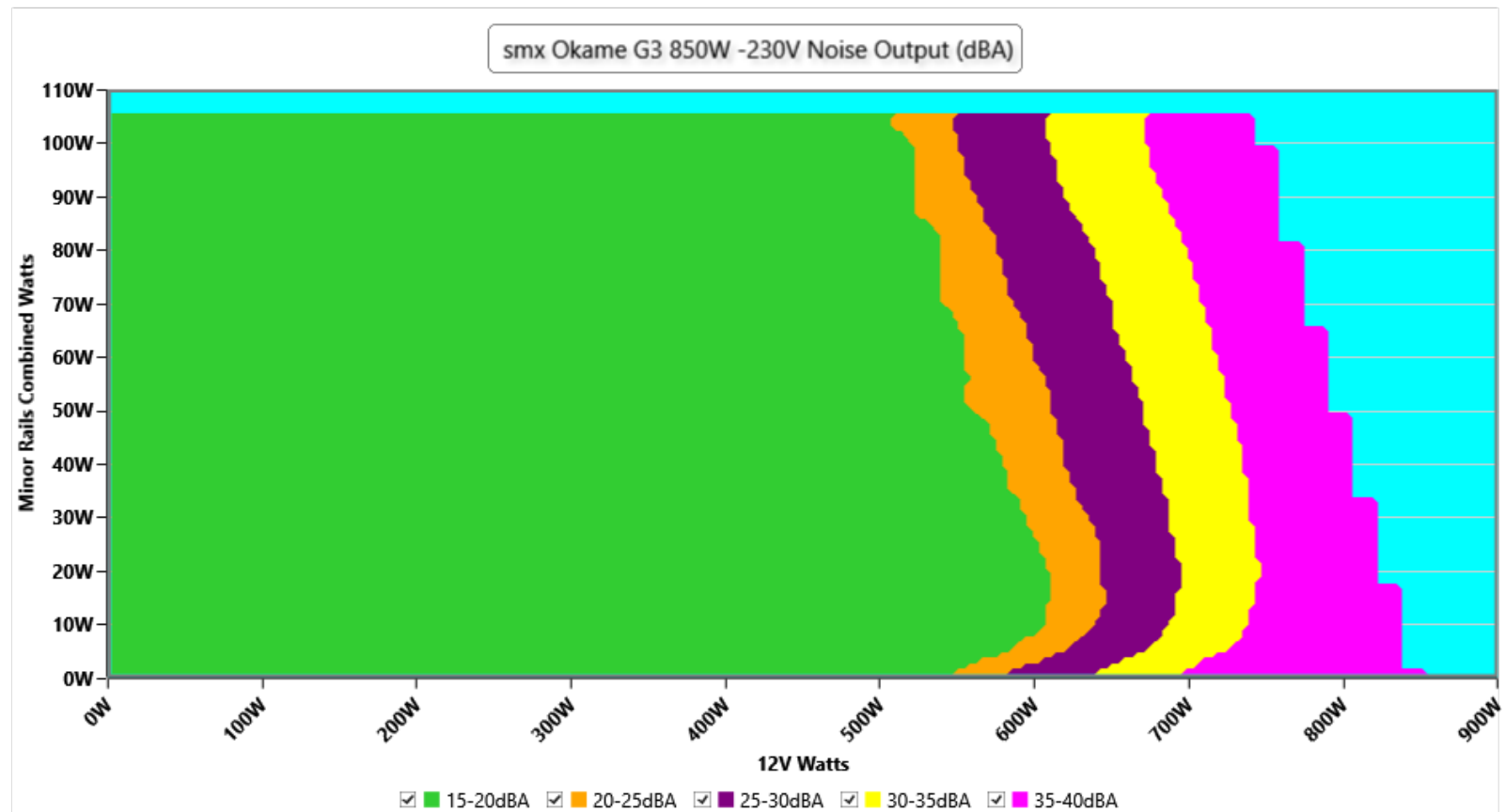
Noise Graph

115V



INFO

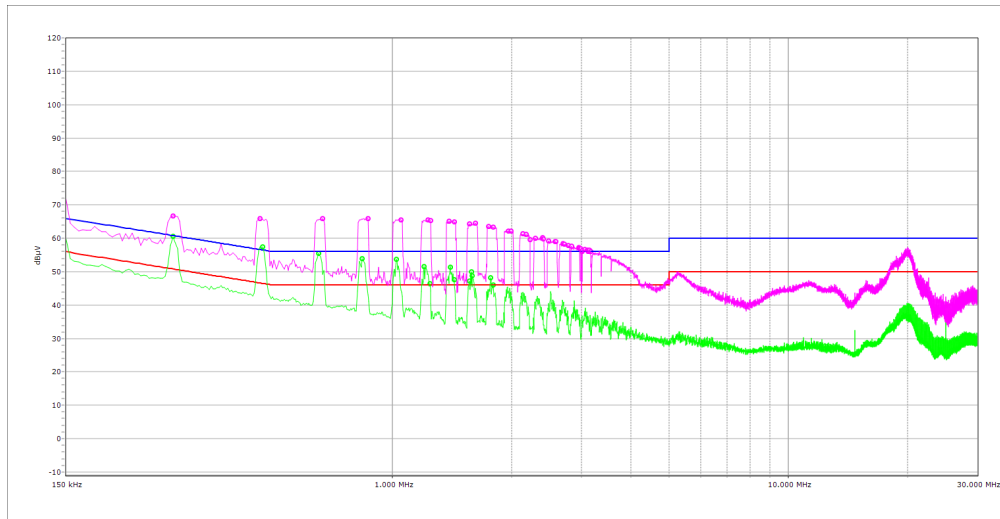
The PSU`s noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails



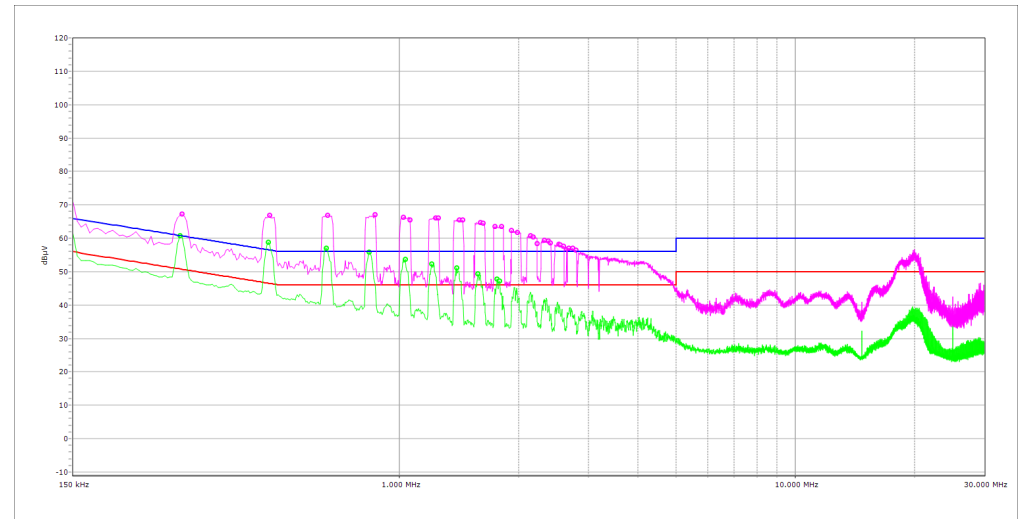
INFO

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



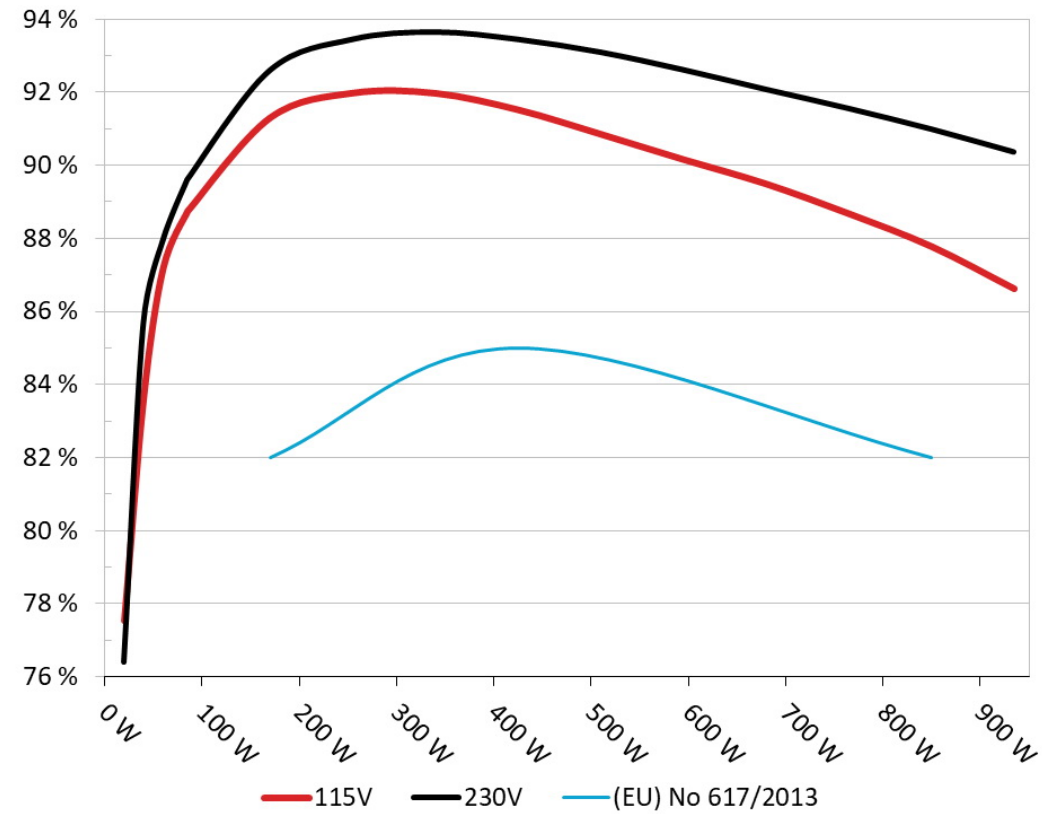
PHASE

Indicative Performance

Efficiency under high ambient temperature

Efficiency: smx Okame G3 850W

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



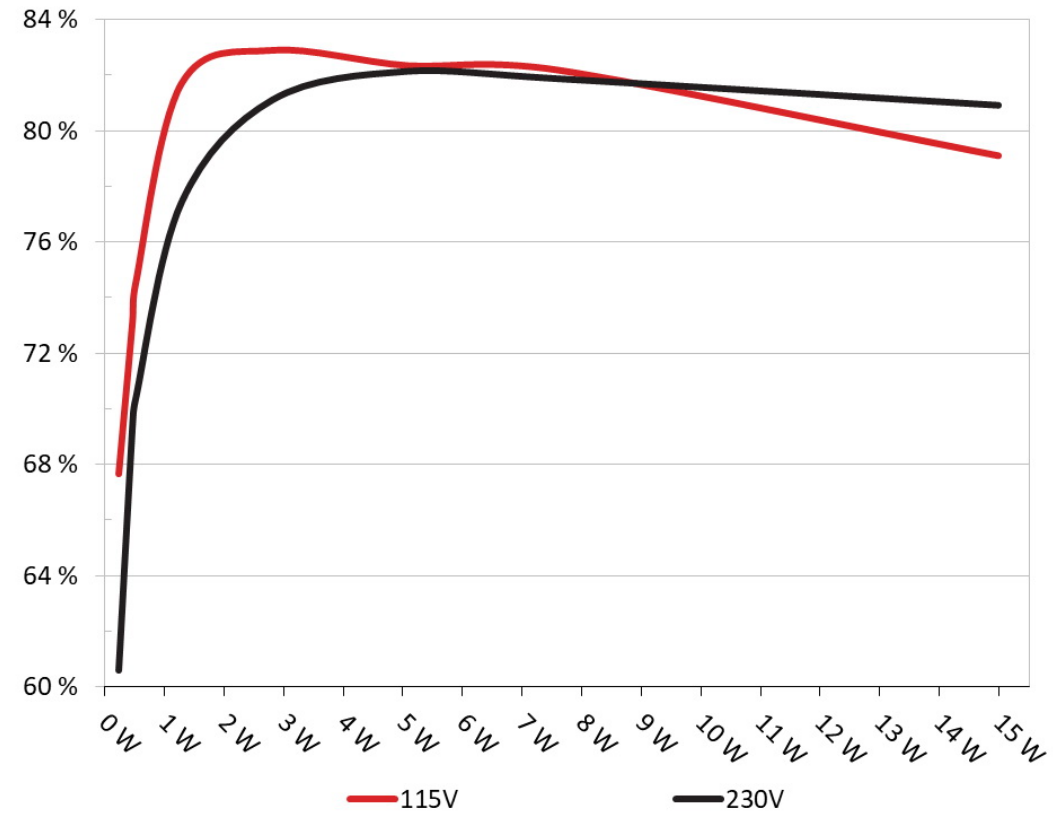
INFO

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: smx Okame G3 850W

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	0.231W	67.653%	0.063
	5.14V	0.341W		114.97V
2	0.09A	0.462W	73.147%	0.114
	5.138V	0.632W		114.96V
3	0.55A	2.815W	82.896%	0.387
	5.116V	3.396W		114.95V
4	1A	5.096W	82.34%	0.477
	5.094V	6.189W		114.95V
5	1.5A	7.607W	82.181%	0.519
	5.07V	9.256W		114.95V
6	3A	14.994W	79.1%	0.558
	4.997V	18.956W		114.96V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	0.045A	0.231W	60.581%	0.023
	5.14V	0.382W		230.06V
2	0.09A	0.462W	69.414%	0.04
	5.138V	0.666W		230.09V
3	0.55A	2.815W	81.135%	0.182
	5.116V	3.47W		230.06V
4	1A	5.096W	82.162%	0.276
	5.094V	6.204W		230.04V
5	1.5A	7.607W	81.89%	0.343
	5.07V	9.289W		230.04V
6	3A	14.992W	80.934%	0.43
	4.997V	18.524W		230.05V

Protection Features

OCP (Normal @ 25.9°C)	12V: 96.00A (135.59%), 12.026V 5V: 24.5A (122.50%), 4.965V 3.3V: 25.6A (128.00%), 3.249V 5VSB: 4.5A (150.00%), 4.871V
OCP (Hot @ 42.1°C)	12V: 90.60A (127.97%), 12.031V 5V: 24.4A (122.00%), 4.947V 3.3V: 25.6A (128.00%), 3.241V 5VSB: 4.5A (150.00%), 4.871V
OPP (Normal @ 30.7°C)	1073.13W (126.25%)
OPP (Hot @ 42.3°C)	1030.44W (121.23%)
OTP	✓ (112°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%	5.228A	1.981A	1.988A	0.984A	85.007	88.739%	721	15.3	40.44°C	0.924
	12.126V	5.05V	3.321V	5.08V	95.793				41.87°C	114.95V
20%	11.479A	2.973A	2.985A	1.186A	169.971	91.298%	721	15.3	40.95°C	0.957
	12.115V	5.046V	3.317V	5.06V	186.17				42.73°C	114.92V
30%	18.088A	3.471A	3.486A	1.389A	254.989	91.973%	722	15.7	41.21°C	0.973
	12.104V	5.043V	3.314V	5.041V	277.241				44.55°C	114.9V
40%	24.715A	3.97A	3.988A	1.594A	340.083	91.966%	726	16.2	41.51°C	0.98
	12.092V	5.039V	3.311V	5.021V	369.795				48.08°C	114.88V
50%	31.007A	4.969A	4.991A	1.8A	425.11	91.511%	727	16.2	42.36°C	0.983
	12.081V	5.033V	3.306V	5V	464.54				51.53°C	114.86V
60%	37.271A	5.967A	5.997A	2.001A	509.595	90.847%	1180	29.1	42.61°C	0.985
	12.069V	5.029V	3.302V	4.979V	560.936				52.85°C	114.84V
70%	43.613A	6.965A	7.003A	2.219A	594.954	90.153%	1460	35.9	43.49°C	0.988
	12.057V	5.026V	3.299V	4.957V	659.941				53.6°C	114.81V
80%	49.966A	7.963A	8.011A	2.327A	679.745	89.485%	1712	39.9	43.61°C	0.99
	12.045V	5.024V	3.296V	4.942V	759.618				54.02°C	114.79V
90%	56.738A	8.467A	8.504A	2.436A	765.215	88.666%	1841	42.5	44.29°C	0.992
	12.032V	5.02V	3.292V	4.926V	863.037				56.17°C	114.77V
100%	63.255A	8.972A	9.031A	3.074A	850.038	87.769%	1847	42.7	45.09°C	0.993
	12.020V	5.016V	3.289V	4.88V	968.491				60.27°C	114.74V
110%	69.659A	9.982A	10.141A	3.081A	934.652	86.618%	1841	42.5	46.97°C	0.993
	12.007V	5.01V	3.284V	4.87V	1079.06				63.7°C	114.71V
CL1	0.116A	12.377A	12.423A	0A	104.316	81.385%	724	15.9	41.38°C	0.92
	12.113V	5.01V	3.292V	5.116V	128.175				56.44°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	20.098A	0A	0A	101.404	80.152%	722	15.7	41.46°C	0.919
	12.118V	4.976V	3.31V	5.122V	126.516				52.51°C	114.94V
CL3	0.115A	0A	20.176A	0A	67.396	71.633%	723	15.7	40.57°C	0.908
	12.118V	5.026V	3.271V	5.12V	94.089				49.1°C	114.95V
CL4	70.622A	0A	0A	0.006A	849.745	88.933%	1851	42.7	45.5°C	0.993
	12.032V	5.038V	3.3V	5.064V	955.485				54.95°C	114.76V

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%	5.229A	1.979A	1.988A	0.985A	85.004	89.619%	716	14.6	40.16°C	0.82
	12.125V	5.054V	3.32V	5.079V	94.85				41.82°C	230.08V
20%	11.478A	2.972A	2.986A	1.186A	169.963	92.61%	721	15.3	40.73°C	0.924
	12.115V	5.049V	3.316V	5.059V	183.528				41.49°C	230.08V
30%	18.087A	3.471A	3.487A	1.389A	254.977	93.463%	725	15.9	41.01°C	0.954
	12.104V	5.043V	3.312V	5.04V	272.806				44.75°C	230.06V
40%	24.714A	3.97A	3.99A	1.594A	340.071	93.663%	726	16.2	41.62°C	0.967
	12.092V	5.039V	3.309V	5.02V	363.08				47.03°C	230.05V
50%	31.011A	4.968A	4.995A	1.802A	425.134	93.461%	725	15.9	42.17°C	0.975
	12.080V	5.034V	3.304V	4.997V	454.878				50.34°C	230.04V
60%	37.273A	5.965A	5.999A	2.001A	509.594	93.111%	899	22.4	42.53°C	0.979
	12.068V	5.031V	3.301V	4.976V	547.299				50.93°C	230.03V
70%	43.614A	6.961A	7.005A	2.221A	594.945	92.628%	1187	29.5	43.11°C	0.982
	12.056V	5.03V	3.298V	4.955V	642.293				50.39°C	230.02V
80%	49.973A	7.961A	8.013A	2.329A	679.79	92.092%	1680	39.3	43.58°C	0.984
	12.044V	5.025V	3.295V	4.939V	738.162				52.92°C	230.01V
90%	56.742A	8.467A	8.508A	2.438A	765.227	91.567%	1848	42.7	44.74°C	0.985
	12.031V	5.021V	3.291V	4.923V	835.7				55.56°C	230V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
100%	63.258A	8.972A	9.035A	3.075A	850.034	91.003%	1842	42.6	45.72°C	0.987
	12.019V	5.016V	3.287V	4.878V	934.07				57.18°C	229.99V
110%	69.661A	9.976A	10.142A	3.082A	934.646	90.377%	1845	42.7	46.05°C	0.988
	12.006V	5.012V	3.283V	4.868V	1034.161				59.47°C	229.97V
CL1	0.116A	12.373A	12.428A	0A	104.317	82.789%	725	15.9	41.51°C	0.887
	12.112V	5.011V	3.291V	5.116V	126.001				54.08°C	230.07V
CL2	0.116A	20.092A	0A	0A	101.405	81.178%	725	15.9	41.5°C	0.886
	12.117V	4.977V	3.308V	5.122V	124.919				50.85°C	230.07V
CL3	0.115A	0A	20.178A	0A	67.398	72.402%	723	15.7	40.13°C	0.831
	12.117V	5.018V	3.271V	5.12V	93.091				48.39°C	230.08V
CL4	70.630A	0A	0A	0.006A	849.768	92.057%	1854	42.8	45.08°C	0.986
	12.031V	5.034V	3.3V	5.063V	923.097				55.54°C	229.99V

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	1.225A	0.495A	0.496A	0.195A	20.02	77.531%	717	14.8	36.91°C	0.735
	12.136V	5.055V	3.325V	5.129V	26.545				40.26°C	114.92V
40W	2.695A	0.693A	0.695A	0.293A	40.012	83.651%	717	14.8	37.1°C	0.856
	12.133V	5.054V	3.324V	5.122V	47.834				40.65°C	114.92V
60W	4.166A	0.891A	0.894A	0.391A	60.007	87.182%	718	14.8	38.4°C	0.898
	12.130V	5.054V	3.324V	5.115V	68.828				40.74°C	114.93V
80W	5.634A	1.089A	1.093A	0.49A	79.969	89.117%	719	14.9	39.19°C	0.918
	12.128V	5.053V	3.323V	5.108V	89.733				41.39°C	114.94V

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	1.224A	0.494A	0.496A	0.195A	20.006	76.404%	716	14.6	36.27°C	0.489
	12.136V	5.058V	3.324V	5.129V	26.185				37.92°C	230.08V
40W	2.694A	0.692A	0.695A	0.293A	40.004	85.666%	719	14.9	37.47°C	0.654
	12.133V	5.056V	3.323V	5.122V	47.04				39.97°C	230.08V
60W	4.166A	0.891A	0.894A	0.391A	60.002	87.948%	720	15.3	38.33°C	0.735
	12.131V	5.053V	3.321V	5.115V	68.226				40.85°C	230.09V
80W	5.634A	1.089A	1.093A	0.49A	79.964	89.923%	722	15.7	39.18°C	0.809
	12.128V	5.052V	3.32V	5.107V	88.926				41.01°C	230.09V

The results above are not used in the certification process

Ripple Measurements

115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	10.7 mV	8.3 mV	6.5 mV	10.6 mV	Pass
20% Load	12.3 mV	10.3 mV	7.0 mV	14.1 mV	Pass
30% Load	14.0 mV	11.1 mV	7.4 mV	17.9 mV	Pass
40% Load	13.2 mV	12.1 mV	7.8 mV	20.0 mV	Pass
50% Load	14.7 mV	13.2 mV	9.1 mV	22.7 mV	Pass
60% Load	15.9 mV	14.8 mV	10.3 mV	28.4 mV	Pass
70% Load	17.0 mV	17.7 mV	13.8 mV	31.5 mV	Pass
80% Load	18.2 mV	18.2 mV	18.9 mV	33.1 mV	Pass
90% Load	18.5 mV	20.9 mV	18.1 mV	38.5 mV	Pass
100% Load	24.9 mV	15.1 mV	15.6 mV	39.8 mV	Pass
110% Load	26.5 mV	14.9 mV	15.1 mV	43.5 mV	Pass
Crossload 1	16.4 mV	11.0 mV	14.2 mV	9.9 mV	Pass
Crossload 2	10.7 mV	11.7 mV	6.9 mV	9.6 mV	Pass

Test	12V	5V	3.3V	5VSB	Pass/Fail
Crossload 3	12.5 mV	23.6 mV	15.9 mV	8.4 mV	Pass
Crossload 4	24.7 mV	13.7 mV	8.8 mV	33.9 mV	Pass

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	9.8 mV	7.9 mV	5.6 mV	9.9 mV	Pass
20% Load	10.9 mV	9.3 mV	6.9 mV	13.5 mV	Pass
30% Load	12.5 mV	10.2 mV	7.4 mV	16.5 mV	Pass
40% Load	12.4 mV	11.3 mV	7.8 mV	21.0 mV	Pass
50% Load	13.5 mV	12.3 mV	9.2 mV	23.0 mV	Pass
60% Load	14.6 mV	14.5 mV	10.0 mV	28.5 mV	Pass
70% Load	16.1 mV	16.9 mV	13.5 mV	31.7 mV	Pass
80% Load	17.1 mV	17.4 mV	19.3 mV	34.1 mV	Pass
90% Load	17.9 mV	19.1 mV	19.3 mV	37.6 mV	Pass
100% Load	26.5 mV	16.2 mV	15.4 mV	41.3 mV	Pass
110% Load	26.0 mV	15.8 mV	17.0 mV	43.4 mV	Pass
Crossload 1	15.7 mV	10.5 mV	14.8 mV	9.6 mV	Pass
Crossload 2	10.5 mV	11.1 mV	6.7 mV	8.8 mV	Pass
Crossload 3	10.8 mV	21.6 mV	15.9 mV	8.6 mV	Pass
Crossload 4	26.3 mV	13.3 mV	9.2 mV	34.4 mV	Pass

The results above are not used in the certification process

SMX Okame G3 850W



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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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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

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