



Enermax Revolution III S 1000W

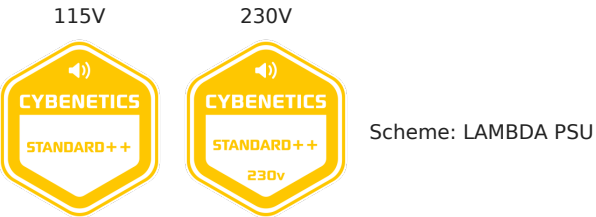
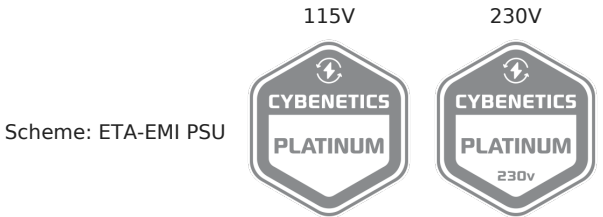
Serial Number -

Lab ID EM10002971

Certification ID 252971

Test Result Report ID: 25PS2971A

Certificate Issue Date: Sep 23, 2025



Outside Validation Scope

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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	Brueel & Kjaer 2270 G4
Microphone	Brueel & 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	Enermax
Model	Revolution III S 1000W
OEM/ODM	RSY
Serial Number	-
Product Specifications	
Manufacturer-Provided Information	
Rated Voltage (Vrms)	100-240
Rated Current (Arms)	8-15

Rated Frequency (Hz)	50-60
Rated Power (W)	1000
Operating Temperature (Continuous Full Load) (°C)	
Type	ATX12V
Cable Design	Fully Modular
Warranty	-
Cybenetics Measurements	
Dimensions (W x H x D)	
Weight	
Cooling	120mm Fluid Dynamic Bearing Fan (S1202512L)
Semi-Passive Operation	✓
Cybenetics Testing Information	
Lab ID	EM10002971
Date of receipt	Sep 3, 2025
Testing Date	Sep 15, 2025
Report Issued Date	Sep 23, 2025
DUT Notes	Inrush current has been retested and updated.
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	Cable Type
ATX connector 20+4 pin (600mm)	1	1	18-22AWG	Tinned Copper
4+4 pin ATX12V (650mm)	2	2	18AWG	Tinned Copper
2x 6+2 pin PCIe (600mm)	2	2	18AWG	Tinned Copper
6+2 pin PCIe (600mm)	2	2	16AWG	Tinned Copper
12+4 pin PCIe (600mm) (600W)	1	1	16-24AWG	Tinned Copper
SATA (500mm+150mm+150mm) / 4-pin Molex (+150mm)	3	9 / 3	18AWG	Tinned 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	83.3	3	0.4
	Watts	100		999.6	15	4.8
Total Max. Power (W)		1000				

Parts Description

General Data	
Manufacturer (OEM)	RSY
PCB Type	Double-Sided
Primary Side	
Transient Filter	4x Y caps, 2x X caps, 2x CM chokes, 1x MOV
Inrush Protection	NTC Thermistor NTC 5D-20 (5 Ohm @ 25°C) & Relay
Bridge Rectifier	1x
APFC MOSFETs	2x Maple Semi SLF60R090E7
APFC Boost Diode	DSC10065 (650V, 10A @ 25°C)
Bulk Cap(s)	Rubycon (420V, 560uF, 2000h @ 105°C, MXE)
Main Switchers	4x Convert CS25N50FF (500V, 25A @ 25°C, Rds(on): 0.24Ohm)
APFC Controller	Texas Instruments UCC28180 & Sync Power SPN5003 (reducing no-load consumption)
Resonant Controller	Texas Instruments UCC25600
Topology	Primary side: APFC, Full-Bridge & LLC Resonant Converter Secondary side: [12V] Synchronous Rectification & [Minor Rails] DC-DC converters

Secondary Side	
+12V MOSFETs	4x AGMSemi AGM4012C (40V, 154A @ 100°C, Rds(on): 1.4mOhm)
5V & 3.3V	DC-DC Converters: 4x Infineon BSC0906NS (30V, 40A @ 100°C, Rds(on): 4.5mOhm) PWM Controller(s): 2x AnpecAPW7164
Filtering Capacitors	Electrolytic: 8x Rubycon (3-6,000 @ 105°C, YXS) 4x Rubycon (4-10,000 @ 105°C, YXJ) Rubycon (6-10,000 @ 105°C, ZLH) 7x UNICON (@ 105°C, KXM) Polymer: 10x Teapo, 2x Unknown brand
Supervisor IC	IN1S313I-SAG
Fan Model	Globe Fan S1202512L (120mm, 12V, 0.18A, Fluid Dynamic Bearing Fan)
5VSB Circuit	
Rectifiers	First Semiconductor FIR4N70L VDMOSFET (700V, 2.5A) Pingwei PS1060L (60V, 10A)

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)	90.256%
Average Noise Output (>1450 Load Combinations)	33.13dBA
Average PF (>1450 Load Combinations)	0.991
Efficiency With 10W (≤500W) or 2% (>500W) Load	75.979%
Standby Power Consumption	0.0332W
Non-Accredited	
12V Ripple (Full Load)	45.35mV
5V Ripple (Full Load)	24.62mV
3.3V Ripple (Full Load)	24.19mV

5VSB Ripple (Full Load)	20.25mV
12V Load Regulation	0.72%
5V Load Regulation	1.37%
3.3V Load Regulation	0.76%
5VSB Load Regulation	3.01%
Inrush Current	33.950A

230V

Accredited		
Average Efficiency (>1450 load combinations)	92.196%	
Average Noise Output (>1450 Load Combinations)	32.79dBA	
Average PF (>1450 Load Combinations)	0.953	
Efficiency With 10W (≤500W) or 2% (>500W) Load	78.174%	
Standby Power Consumption	0.0694W	
Non-Accredited		
12V Ripple (Full Load)	46.65mV	
5V Ripple (Full Load)	26.98mV	
3.3V Ripple (Full Load)	26.87mV	
5VSB Ripple (Full Load)	22.07mV	
12V Load Regulation	0.71%	
5V Load Regulation	1.31%	
3.3V Load Regulation	0.73%	
5VSB Load Regulation	2.99%	
Inrush Current	64.420A	
12V Transient Response (200%)	11.35V	
5V Transient Response (200%)	4.838V	
3.3V Transient Response (200%)	3.155V	
5VSB Transient Response (200%)	4.898V	
Hold-Up Time & PWR_OK Signal	15.90ms	
AC Loss to PWR_OK Hold Up Time	14.50ms	
PWR_OK Inactive to DC Loss Delay	1.40ms	
PSU Timings: T1 (20% / 100%)	119.0ms	119.0ms

PSU Timings: T3 (20% / 100%)	118.0ms	121.0ms
12V OCP (31.5°C / 44.1°C)	114.60A (137.58%), 11.989V	97.00A (116.45%), 12.015V
5V OCP (31.5°C / 44.1°C)	29.1A (145.50%), 5.003V	27.1A (135.50%), 5.034V
3.3V OCP (31.5°C / 44.1°C)	31A (155.00%), 3.322V	29A (145.00%), 3.335V
5VSB OCP (31.5°C / 44.1°C)	4A (133.33%), 5.024V	4A (133.33%), 5.031V
OPP (31.03°C / 45.15°C)	138.86%	117.01%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	15.9
AC Loss to PWR_OK Hold Up Time (ms)	14.5
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:	114.97 V	114.95 V	113.85 V	114.98 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	59.94 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 %	0.10 %	N/A	0.17 %	2.00 %	PASS
Real Power:	0.033 W	-0.000 W	N/A	0.063 W	N/A	N/A
Apparent Power:	14.718 W	14.698 W	N/A	14.739 W	N/A	N/A
Power Factor:	0.004	N/A	N/A	N/A	N/A	N/A

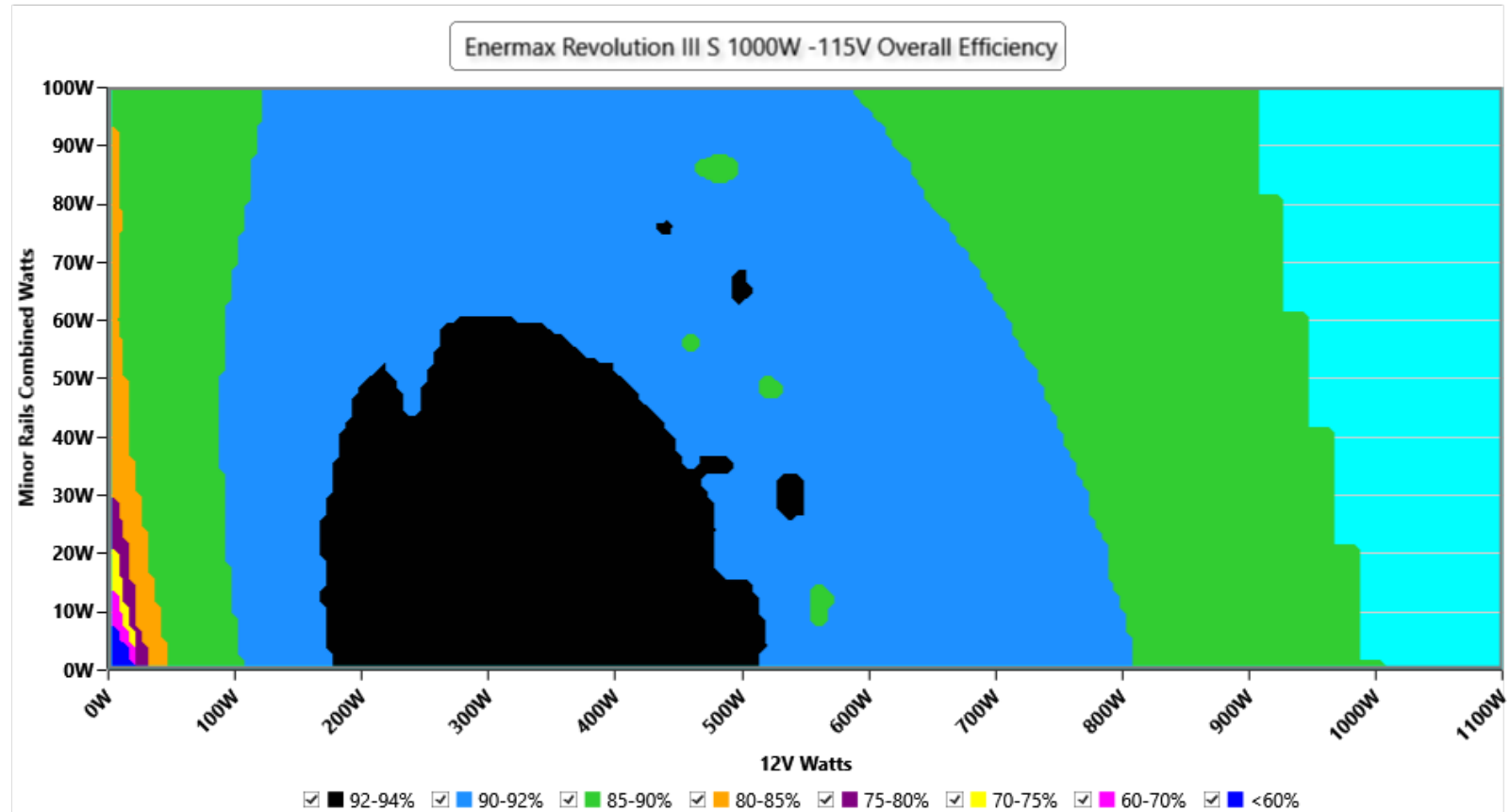
230V

Detailed Results

	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	229.95 V	229.92 V	227.70 V	229.96 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:	0.069 W	0.030 W	N/A	0.113 W	N/A	N/A
Apparent Power:	48.774 W	48.741 W	N/A	48.809 W	N/A	N/A
Power Factor:	0.001	N/A	N/A	N/A	N/A	N/A

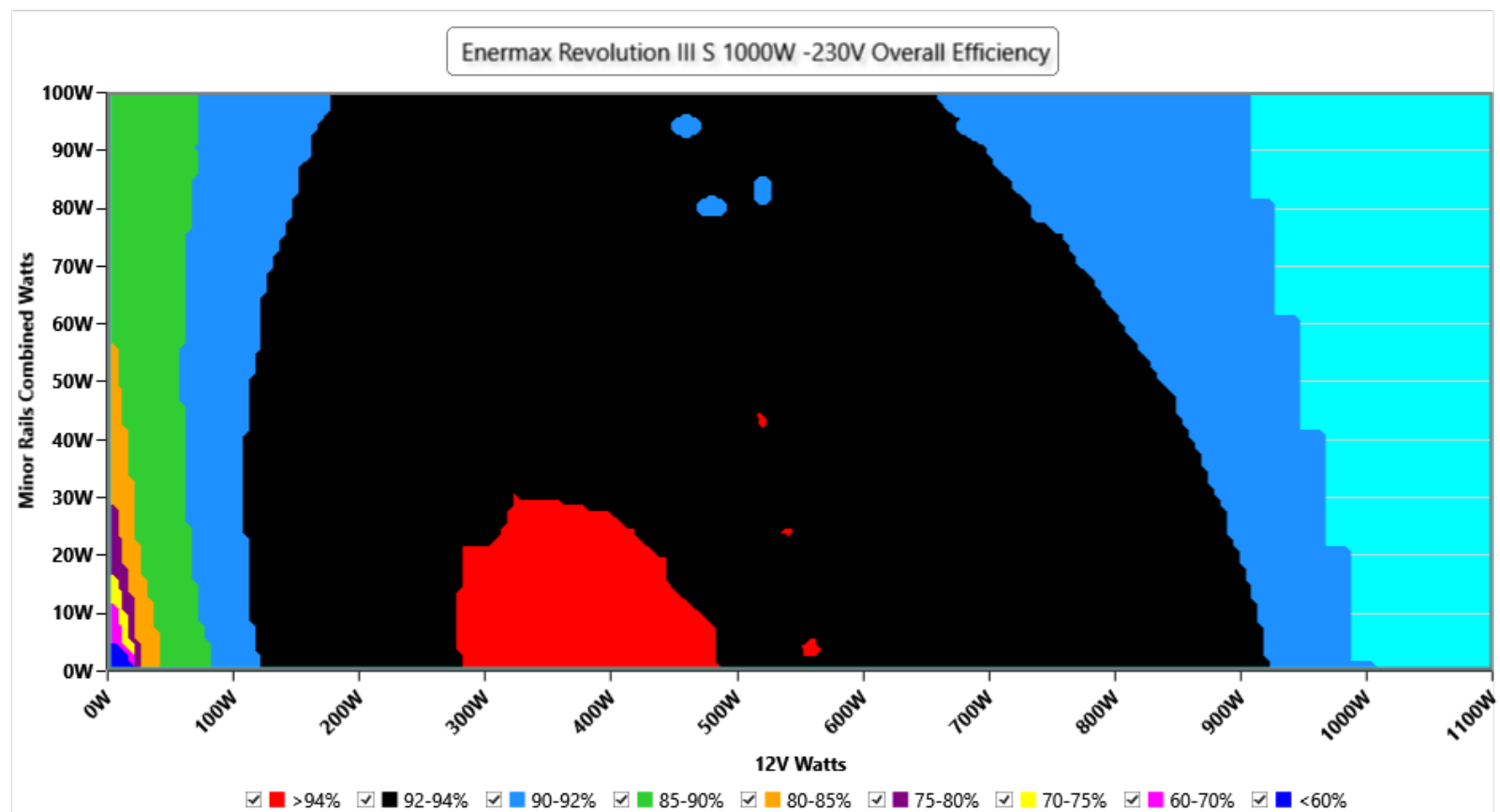
Efficiency Graph

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

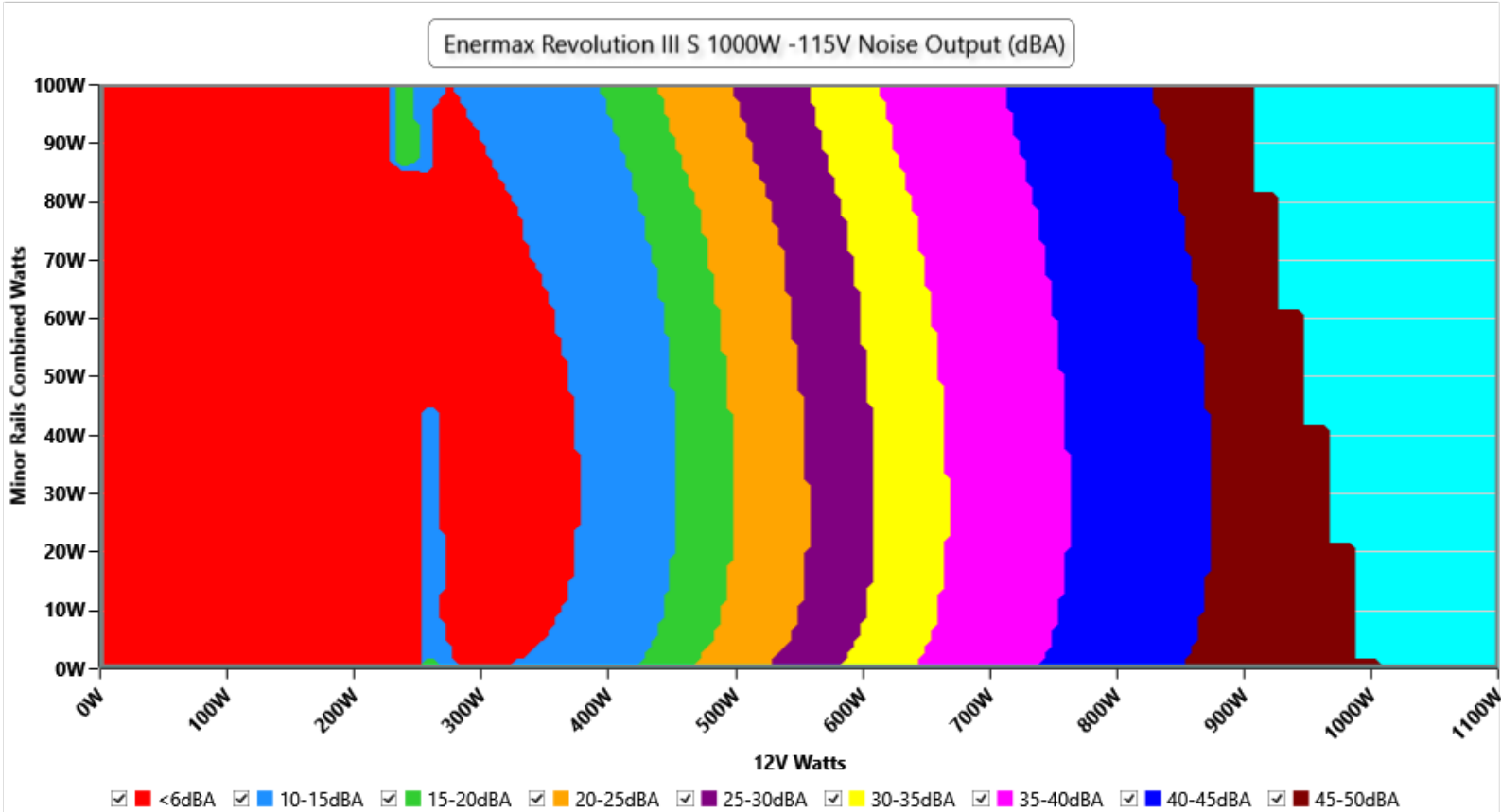


INFO

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

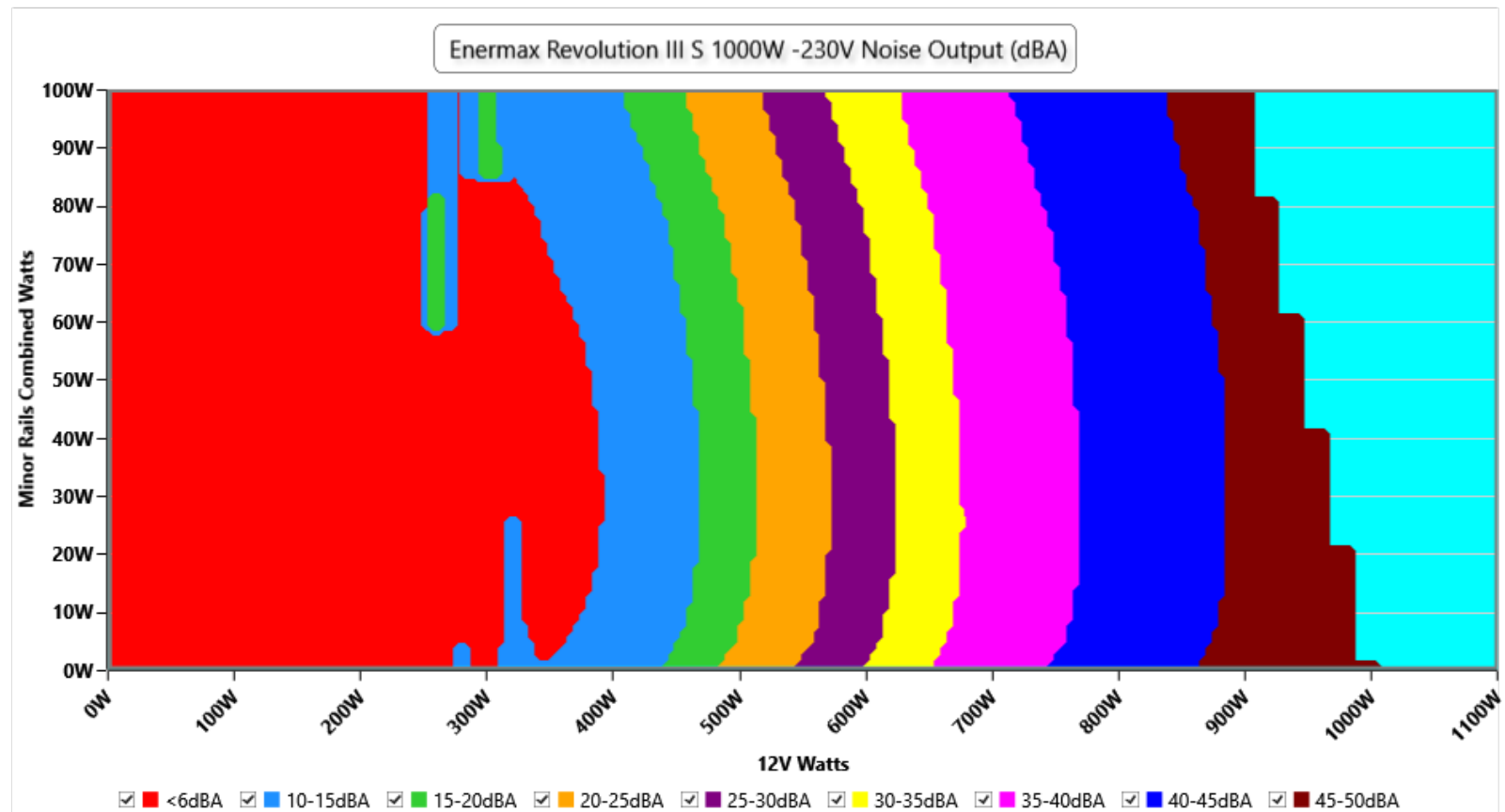
Noise Graph

115V



INFO

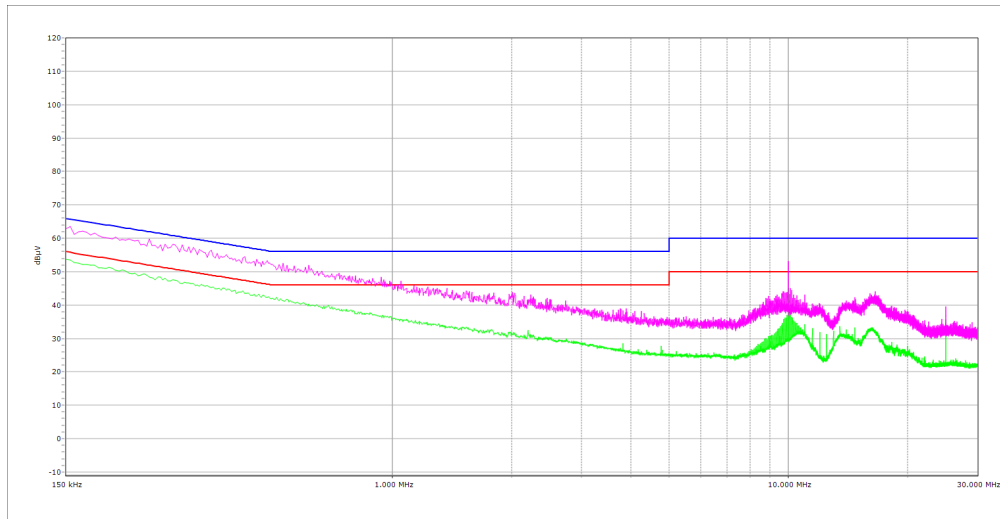
The PSU`s noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails



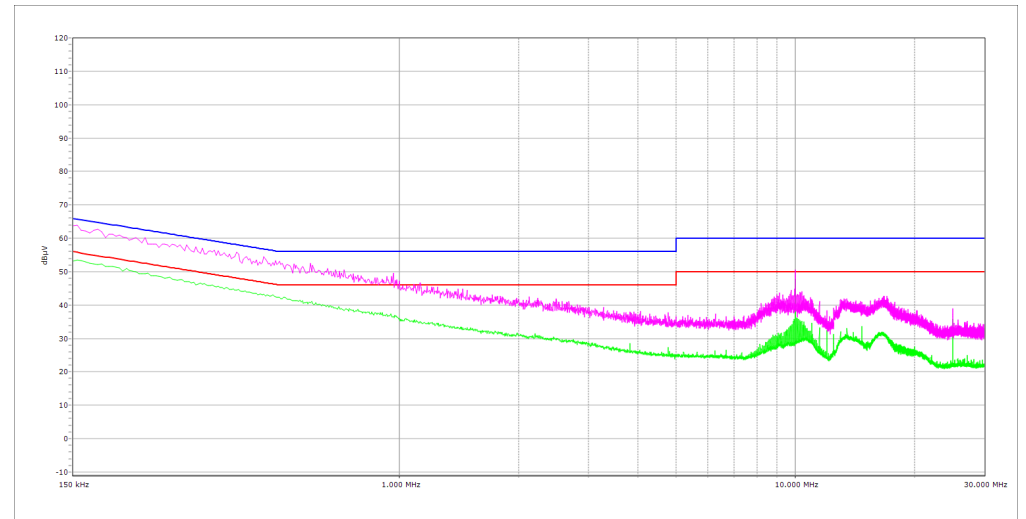
INFO

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



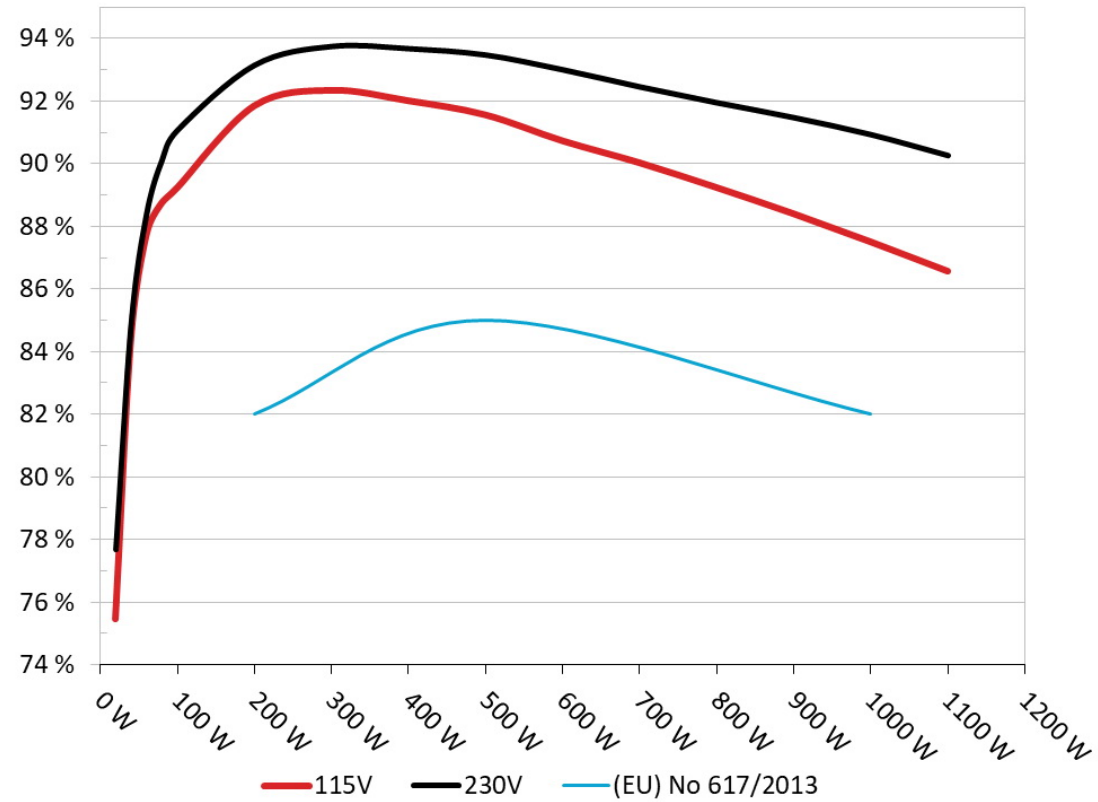
PHASE

Indicative Performance

Efficiency under high ambient temperature

Efficiency: Enermax Revolution III S 1000W

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



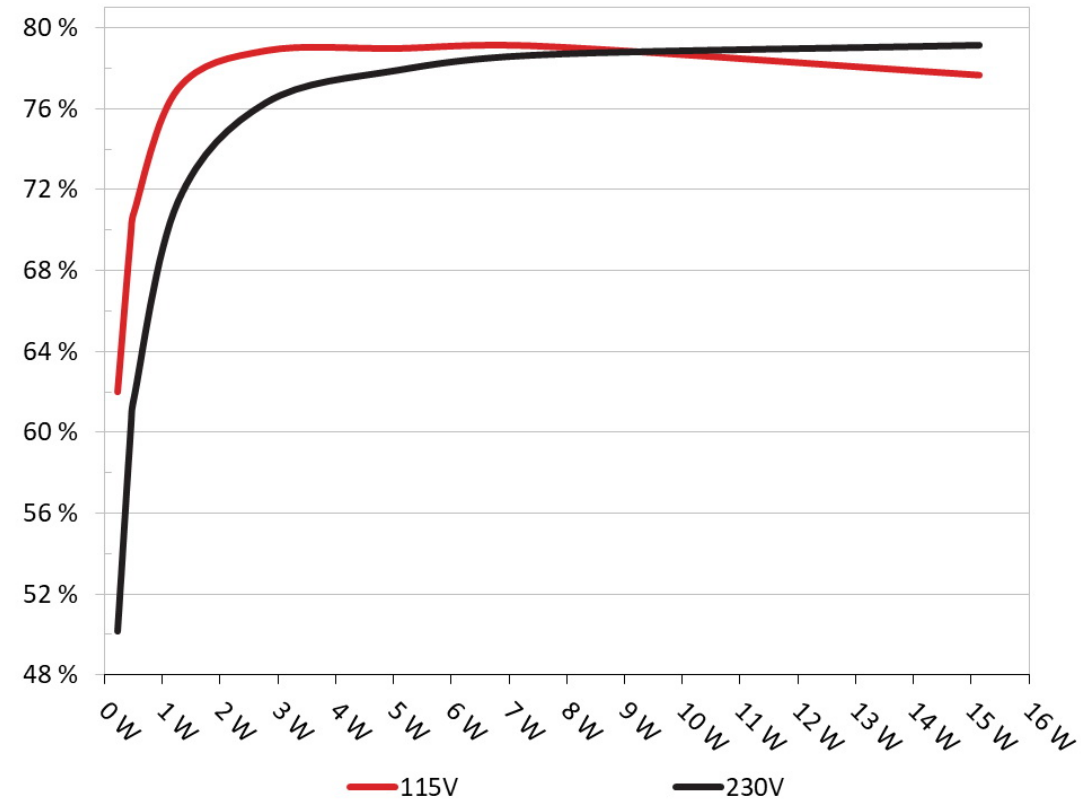
INFO

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: Enermax Revolution III S 1000W

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	0.23W	62.022%	0.035
	5.098V	0.371W		114.87V
2	0.09A	0.459W	69.812%	0.062
	5.095V	0.657W		114.86V
3	0.55A	2.798W	78.866%	0.263
	5.086V	3.548W		114.87V
4	1A	5.079W	78.976%	0.363
	5.079V	6.431W		114.87V
5	1.5A	7.607W	79.08%	0.413
	5.071V	9.62W		114.86V
6	3.001A	15.139W	77.657%	0.486
	5.046V	19.495W		114.88V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	0.045A	0.23W	50.182%	0.013
	5.099V	0.459W		229.88V
2	0.09A	0.459W	60.267%	0.022
	5.094V	0.762W		229.9V
3	0.55A	2.798W	76.326%	0.1
	5.086V	3.666W		229.88V
4	1A	5.08W	77.932%	0.166
	5.079V	6.518W		229.89V
5	1.5A	7.608W	78.701%	0.219
	5.071V	9.667W		229.89V
6	3A	15.137W	79.166%	0.329
	5.045V	19.12W		229.88V

Protection Features

OCP (Normal @ 31.5°C)	12V: 114.60A (137.58%), 11.989V 5V: 29.1A (145.50%), 5.003V 3.3V: 31A (155.00%), 3.322V 5VSB: 4A (133.33%), 5.024V
OCP (Hot @ 44.1°C)	12V: 97.00A (116.45%), 12.015V 5V: 27.1A (135.50%), 5.034V 3.3V: 29A (145.00%), 3.335V 5VSB: 4A (133.33%), 5.031V
OPP (Normal @ 31.0°C)	1388.64W (138.86%)
OPP (Hot @ 45.1°C)	1170.15W (117.01%)
OTP	✓ (135°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%	6.480A	1.995A	2.011A	0.986A	100.014	89.219%	0	<6.0	43.99°C	0.971
	12.101V	5.012V	3.283V	5.074V	112.1				40.13°C	114.83V
20%	13.981A	3A	3.021A	1.186A	199.975	91.831%	0	<6.0	43.55°C	0.988
	12.093V	5.001V	3.277V	5.062V	217.764				40.79°C	114.81V
30%	21.844A	3.506A	3.526A	1.387A	300.038	92.329%	0	<6.0	44.15°C	0.993
	12.085V	4.992V	3.276V	5.05V	324.968				41.42°C	114.78V
40%	29.691A	4.019A	4.036A	1.589A	399.681	91.997%	752	21	41.91°C	0.995
	12.073V	4.977V	3.271V	5.036V	434.45				49.52°C	114.73V
50%	37.209A	5.034A	5.038A	1.793A	499.394	91.551%	996	29.2	42.07°C	0.996
	12.064V	4.968V	3.276V	5.02V	545.48				48.5°C	114.71V
60%	44.801A	6.043A	6.031A	1.998A	599.926	90.72%	1357	37.9	42.65°C	0.996
	12.056V	4.965V	3.284V	5.006V	661.293				48.81°C	114.67V
70%	52.338A	7.053A	7.021A	2.205A	699.654	90.024%	1650	43.5	43.32°C	0.996
	12.047V	4.964V	3.291V	4.991V	777.185				49.75°C	114.63V
80%	59.953A	8.06A	8.011A	2.311A	799.657	89.234%	1794	45.7	43.5°C	0.996
	12.038V	4.963V	3.296V	4.978V	896.135				51.47°C	114.59V
90%	67.910A	8.571A	8.522A	2.417A	899.422	88.399%	1798	45.7	44.95°C	0.996
	12.030V	4.958V	3.285V	4.967V	1017.469				54.76°C	114.54V
100%	75.679A	9.089A	9.07A	3.034A	999.413	87.505%	1793	45.7	45.37°C	0.996
	12.021V	4.951V	3.275V	4.945V	1142.119				57.2°C	114.51V
110%	83.393A	10.103A	10.209A	3.04A	1099.992	86.565%	1800	45.7	46.8°C	0.995
	12.012V	4.949V	3.262V	4.934V	1270.719				61.1°C	114.46V
CL1	0.116A	11.943A	11.874A	0A	101.298	84.193%	663	17.8	41.59°C	0.974
	12.098V	5.041V	3.343V	5.083V	120.319				48.12°C	114.83V

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	19.76A	0A	0A	101.344	83.126%	301	<6.0	41.23°C	0.974
	12.101V	5.058V	3.264V	5.086V	121.914				49.3°C	114.84V
CL3	0.114A	0A	19.661A	0A	67.383	77.397%	0	<6.0	43.59°C	0.966
	12.103V	5.007V	3.357V	5.087V	87.065				40.12°C	114.84V
CL4	83.187A	0A	0A	0A	999.934	88.344%	1800	45.7	45.87°C	0.996
	12.020V	4.937V	3.212V	5.013V	1131.862				56.19°C	114.52V

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%	6.477A	1.995A	2.011A	0.985A	99.992	90.582%	0	<6.0	42.92°C	0.849
	12.103V	5.012V	3.282V	5.075V	110.388				40.42°C	229.87V
20%	13.977A	3A	3.021A	1.185A	199.941	93.156%	0	<6.0	43.24°C	0.937
	12.094V	5V	3.277V	5.063V	214.631				40.68°C	229.85V
30%	21.839A	3.507A	3.526A	1.386A	299.991	93.756%	0	<6.0	44.81°C	0.962
	12.086V	4.991V	3.276V	5.05V	319.969				41.07°C	229.83V
40%	29.676A	4.019A	4.036A	1.589A	399.541	93.685%	737	20.5	41.53°C	0.97
	12.075V	4.976V	3.271V	5.036V	426.474				47.28°C	229.82V
50%	37.195A	5.034A	5.038A	1.793A	499.26	93.484%	998	29.2	42.04°C	0.975
	12.065V	4.967V	3.276V	5.021V	534.059				46.76°C	229.81V
60%	44.789A	6.045A	6.031A	1.998A	599.809	93.01%	1352	38	42.89°C	0.976
	12.056V	4.963V	3.283V	5.006V	644.926				46.32°C	229.79V
70%	52.326A	7.055A	7.02A	2.204A	699.562	92.466%	1654	43.6	43.07°C	0.977
	12.048V	4.962V	3.291V	4.992V	756.565				47.39°C	229.77V
80%	59.945A	8.062A	8.011A	2.31A	799.598	91.959%	1796	45.7	43.52°C	0.977
	12.040V	4.961V	3.295V	4.979V	869.519				48.85°C	229.75V
90%	67.910A	8.575A	8.524A	2.417A	899.414	91.483%	1794	45.7	44.1°C	0.977
	12.029V	4.956V	3.285V	4.967V	983.148				50.28°C	229.73V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
100%	75.679A	9.091A	9.071A	3.034A	999.418	90.939%	1796	45.7	45.66°C	0.976
	12.021V	4.95V	3.274V	4.945V	1099.006				52.6°C	229.72V
110%	83.393A	10.105A	10.21A	3.041A	1100.001	90.27%	1797	45.7	46.36°C	0.975
	12.012V	4.948V	3.261V	4.934V	1218.565				55.39°C	229.69V
CL1	0.116A	11.946A	11.874A	0A	101.3	85.741%	638	15.8	40.74°C	0.868
	12.099V	5.039V	3.343V	5.083V	118.146				46.07°C	229.87V
CL2	0.116A	19.77A	0A	0A	101.35	84.488%	297	<6.0	40.31°C	0.871
	12.101V	5.056V	3.264V	5.086V	119.959				47.18°C	229.86V
CL3	0.115A	0A	19.659A	0A	67.385	78.782%	0	<6.0	41.75°C	0.794
	12.104V	5.008V	3.357V	5.087V	85.538				40.87°C	229.87V
CL4	83.198A	0A	0A	0A	999.996	91.573%	1799	45.7	44.74°C	0.976
	12.019V	4.934V	3.21V	5.012V	1092.02				51.03°C	229.71V

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	0.498A	0.501A	0.196A	20.005	75.482%	0	<6.0	41.58°C	0.811
	12.107V	5.019V	3.292V	5.094V	26.503				36.74°C	114.87V
40W	2.700A	0.698A	0.702A	0.295A	40.006	84.38%	0	<6.0	41.59°C	0.917
	12.106V	5.017V	3.29V	5.091V	47.41				37.38°C	114.86V
60W	4.175A	0.897A	0.903A	0.393A	60.006	87.714%	0	<6.0	42.47°C	0.956
	12.104V	5.016V	3.288V	5.088V	68.412				38.69°C	114.84V
80W	5.646A	1.097A	1.105A	0.492A	79.959	88.736%	0	<6.0	42.87°C	0.966
	12.102V	5.014V	3.286V	5.085V	90.108				39.44°C	114.84V

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	1.226A	0.499A	0.502A	0.196A	19.998	77.685%	0	<6.0	38.58°C	0.492
	12.104V	5.014V	3.289V	5.093V	25.743				36.07°C	229.89V
40W	2.700A	0.698A	0.702A	0.295A	39.999	84.927%	0	<6.0	41.43°C	0.646
	12.106V	5.015V	3.289V	5.091V	47.101				37.13°C	229.87V
60W	4.174A	0.897A	0.903A	0.393A	59.999	88.419%	0	<6.0	41.17°C	0.731
	12.105V	5.014V	3.287V	5.088V	67.859				38.41°C	229.87V
80W	5.644A	1.097A	1.105A	0.492A	79.94	90.126%	0	<6.0	42.43°C	0.803
	12.103V	5.013V	3.285V	5.085V	88.701				39.14°C	229.87V

The results above are not used in the certification process

Ripple Measurements

115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	28.39mV	19.76mV	19.29mV	16.78mV	Pass
20% Load	31.61mV	20.37mV	19.60mV	17.08mV	Pass
30% Load	34.63mV	21.40mV	21.55mV	17.24mV	Pass
40% Load	35.54mV	21.76mV	21.14mV	17.65mV	Pass
50% Load	36.88mV	23.45mV	22.27mV	18.78mV	Pass
60% Load	37.34mV	22.63mV	22.26mV	18.88mV	Pass
70% Load	39.07mV	23.66mV	21.60mV	19.55mV	Pass
80% Load	39.79mV	23.51mV	22.57mV	21.65mV	Pass
90% Load	41.43mV	25.76mV	24.99mV	21.04mV	Pass
100% Load	45.35mV	24.62mV	24.19mV	20.25mV	Pass
110% Load	47.06mV	25.12mV	25.26mV	19.72mV	Pass
Crossload1	25.62mV	16.83mV	17.08mV	17.99mV	Pass
Crossload2	28.85mV	22.33mV	19.14mV	18.11mV	Pass

Test	12V	5V	3.3V	5VSB	Pass/Fail
Crossload3	33.24mV	19.81mV	20.73mV	17.96mV	Pass
Crossload4	42.02mV	21.35mV	19.07mV	19.48mV	Pass

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	30.69mV	22.99mV	24.01mV	18.42mV	Pass
20% Load	33.40mV	22.53mV	22.11mV	18.47mV	Pass
30% Load	34.37mV	21.35mV	21.14mV	18.32mV	Pass
40% Load	38.51mV	21.86mV	21.04mV	16.68mV	Pass
50% Load	38.05mV	25.35mV	24.57mV	18.99mV	Pass
60% Load	41.99mV	24.22mV	24.01mV	21.09mV	Pass
70% Load	40.25mV	23.35mV	22.93mV	19.50mV	Pass
80% Load	42.35mV	25.92mV	24.98mV	20.99mV	Pass
90% Load	49.10mV	26.28mV	31.65mV	22.21mV	Pass
100% Load	46.65mV	26.98mV	26.87mV	22.07mV	Pass
110% Load	48.59mV	26.53mV	29.66mV	21.86mV	Pass
Crossload1	28.42mV	20.81mV	23.97mV	19.10mV	Pass
Crossload2	27.31mV	20.63mV	18.57mV	17.19mV	Pass
Crossload3	41.84mV	22.12mV	24.68mV	20.68mV	Pass
Crossload4	43.40mV	23.99mV	21.69mV	19.48mV	Pass

The results above are not used in the certification process

Enermax Revolution III S 1000W



Top side

REVOLUTION III S

Model/型号/型号

ERV1000P-AHP

Active PFC/主动式PFC/主动式PFC

AC Input

交流输入/交流输入

100-240VAC, 15-8A, 50-60Hz

200-240VAC, 8A, 50-60Hz (for China only)

DC Output

直流输出/直流输出

+3.3V

+5V

+12V

-12V

+5Vsb

Total Power

总瓦数/总瓦数

20A

20A

83.3A

0.4A

3.0A

1000W

100W

999.6W

4.8W

15W

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Switching Power Supply
交換式電源供應器/交換式電源供應器

Made in China
中国制造/中国制造

Manufacturer: ENERMAX Technology Corporation
製造商: 保銳科技股份有限公司/製造商: 保銳科技股份有限公司

OK

OK

OK

HI-POT

BURN-IN

ATS

Power specifications label



Fan



PSU Inside

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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