Corsair RM1000x Shift (ATX v3.0)

Serial Number 22177118000051920187

Lab ID CR10002031

Certification ID 252031

Test Result Report ID: 22PS2031A

Certificate Issue Date: Jun 22, 2022

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	Corsair
Model	RM1000x Shift (ATX v3.0)
OEM/ODM	CWT
Serial Number	22177118000051920187
Product Specifications	
Manufacturer-Provided Information	
Rated Voltage (Vrms)	100-240

Rated Current (Arms)	12-6
Rated Frequency (Hz)	47-63
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	140mm Fluid Dynamic Bearing Fan (NR140P)
Semi-Passive Operation	✓
Cybenetics Testing Information	
Lab ID	CR10002031
Date of receipt	Jun 10, 2022
Testing Date	Jun 22, 2022
Report Issued Date	Jun 22, 2022
DUT Notes	CP-9020253
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 (610mm)	1	1	16-18AWG	No
4+4 pin EPS12V (650mm)	2	2	18AWG	No
12 pin PCIe (660mm)	1	1	16AWG	No

6+2 pin PCIe (660mm)	3	3	16AWG	No
6+2 pin PCIe (660mm+100mm)	2	4	16-18AWG	No
SATA (460mm+110mm+110mm+110mm)	4	16	18AWG	No
4 pin Molex (450mm+100mm+100mm+100mm)	2	8	18AWG	No
AC Power Cord (1400mm) - C13 coupler	1	1	16AWG	-

Power Specifications

Rail		3.3V	5V	12V	5VSB	-12V
Max. Power	Amps	20	20	83.3	3	0
	Watts	150		1000	15	0
Total Max. Power (W)		1000				

Parts Description

General Data	-
Manufacturer (OEM)	CWT
PCB Type	Double Sided
Primary Side	-
Transient Filter	6x Y caps, 2x X caps, 2x CM chokes, 1x MOV
Inrush Protection	1x NTC Thermistor SCK20150 (15 Ohm) & Relay
Bridge Rectifier(s)	2x GBJ2506 (600V, 25A @ 100°C)
APFC MOSFETs	3x Infineon IPA60R125P6 (600V, 19A @ 100°C, Rds(on): 0.125Ohm) & 1x Sync Power SPN5003 FET (for reduced no-load consumption)
APFC Boost Diode	1x On Semiconductor FFSP1065A (650V, 10A @ 152°C)
Bulk Cap(s)	1x Nippon Chemi-Con (400V, 560uF, 2,000h @ 105°C, KMR) & 1x Nippon Chemi-Con (400V, 470uF, 2,000h @ 105°C, KMW)
Main Switchers	4x Infineon IPA60R190P6 (600V, 12.7A @ 100°C, Rds(on): 0.19Ohm)
Driver IC(s)	Champion CM6500UN
Digital Controllers	Champion CU6901VAC
Topology	Primary side: APFC, Full-bridge & LLC converter Secondary side: Synchronous Rectification & DC-DC converters
Secondary Side	-
+12V MOSFETs	6x Infineon BSC014N06NS (60V, 152A @ 100°C, Rds(on): 1.45mOhm)

5V & 3.3V	DC-DC Converters: 4x UBIQ QN3107M6N (30V, 70A @ 100°C, Rds(on): 2.6mOhm) PWM Controllers: UPI-Semi uP3861P
Filtering Capacitors	Electrolytic: 4x Nichicon (2–5,000h @ 105°C, HD), 1x Nichicon (5-6,000h @ 105°C, HV), 1x Nippon Chemi-Con (1-5,000h @ 105°C, KZE), 1x Nippon Chemi-Con (4-10,000h @ 105°C, KYA) 4x Nichicon (4-10,000h @ 105°C, HE) Polymer: 28x FPCAP, 11x Nippon Chemi-Con
Supervisor IC	Weltrend WT7502R
Fan controller	Microchip PIC16F1503
Fan Model	Corsair NR140P (140mm, 12V, 0.22A, Fluid Dynamic Bearing Fan)
5VSB Circuit	-
Rectifier	1x PS1045L SBR (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 v3.0 Compliance	✓

Performance Summary

115V

Accredited	
Average Efficiency (>1450 load combinations)	88.494%
Average Noise Output (>1450 Load Combinations)	23.62dBA
Average PF (>1450 Load Combinations)	0.991
Efficiency With 10W (≤500W) or 2% (>500W) Load	76.523%
Standby Power Consumption	0.0170W
Non-Accredited	

12V Ripple (Full Load)	26.04mV
5V Ripple (Full Load)	16.96mV
3.3V Ripple (Full Load)	23.37mV
5VSB Ripple (Full Load)	20.58mV
12V Load Regulation	0.57%
5V Load Regulation	0.54%
3.3V Load Regulation	0.55%
5VSB Load Regulation	1.65%
Inrush Current	13.810A

230V

Accredited	
Average Efficiency (>1450 load combinations)	90.176%
Average Noise Output (>1450 Load Combinations)	23.59dBA
Average PF (>1450 Load Combinations)	0.970
Efficiency With 10W (≤500W) or 2% (>500W) Load	75.618%
Standby Power Consumption	0.0807W
Non-Accredited	
12V Ripple (Full Load)	27.18mV
5V Ripple (Full Load)	16.47mV
3.3V Ripple (Full Load)	22.73mV
5VSB Ripple (Full Load)	19.95mV
12V Load Regulation	0.59%
5V Load Regulation	0.68%
3.3V Load Regulation	0.52%
5VSB Load Regulation	1.67%
Inrush Current	25.950A
12V Transient Response (200%)	11.29V
5V Transient Response (200%)	4.911V
3.3V Transient Response (200%)	3.191V
5VSB Transient Response (200%)	4.973V
Hold-Up Time & PWR_OK Signal	24.00ms

AC Loss to PWR_OK Hold Up Time		21.00ms
PWR_OK Inactive to DC Loss Delay		3.00ms
PSU Timings: T1 (20% / 100%)	52.0ms	52.0ms
PSU Timings: T3 (20% / 100%)	138.0ms	138.0ms
OPP (27.88°C / 40.53°C)	123.11%	123.11%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	24
AC Loss to PWR_OK Hold Up Time (ms)	21
PWR_OK Inactive to DC Loss Delay (ms)	3

Stromverbrauch im Ruhezustand

Tables

115V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.18 V	115.15 V	113.85 V	115.19 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	60.00 Hz	59.40 Hz	60.01 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.415	1.415	1.340	1.416	1.490	PASS
Mains Voltage THD:	0.13 %	0.11 %	N/A	0.15 %	2.00 %	PASS
Real Power:	0.017 W	0.015 W	N/A	0.019 W	N/A	N/A
Apparent Power:	10.171 W	10.167 W	N/A	10.177 W	N/A	N/A
Power Factor:	0.002	N/A	N/A	N/A	N/A	N/A

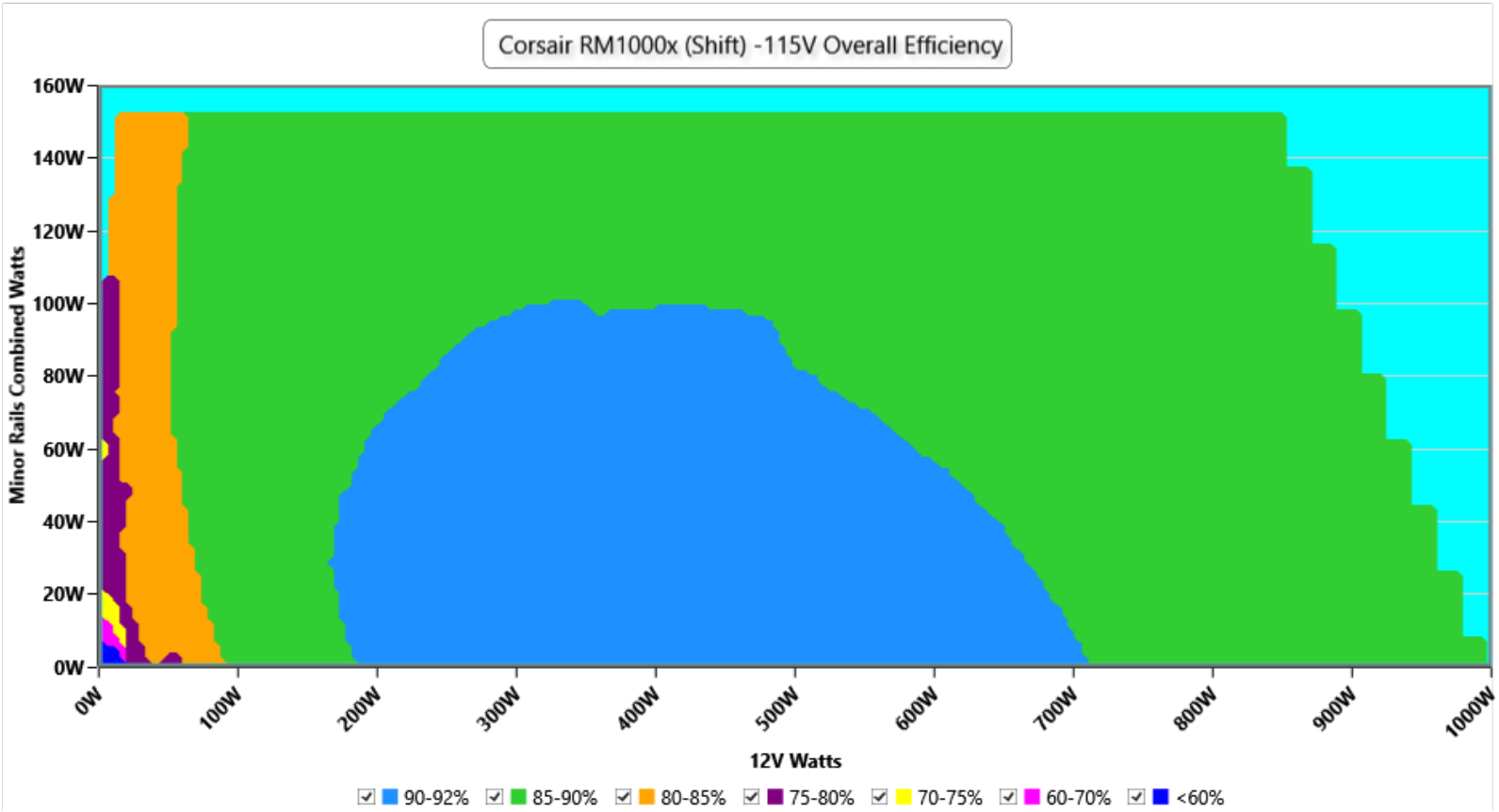
230V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result

Mains Voltage RMS:	230.38 V	230.38 V	227.70 V	230.42 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:	0.14 %	0.13 %	N/A	0.16 %	2.00 %	PASS
Real Power:	0.081 W	0.072 W	N/A	0.090 W	N/A	N/A
Apparent Power:	33.993 W	33.982 W	N/A	34.001 W	N/A	N/A
Power Factor:	0.002	N/A	N/A	N/A	N/A	N/A

Efficiency Graph

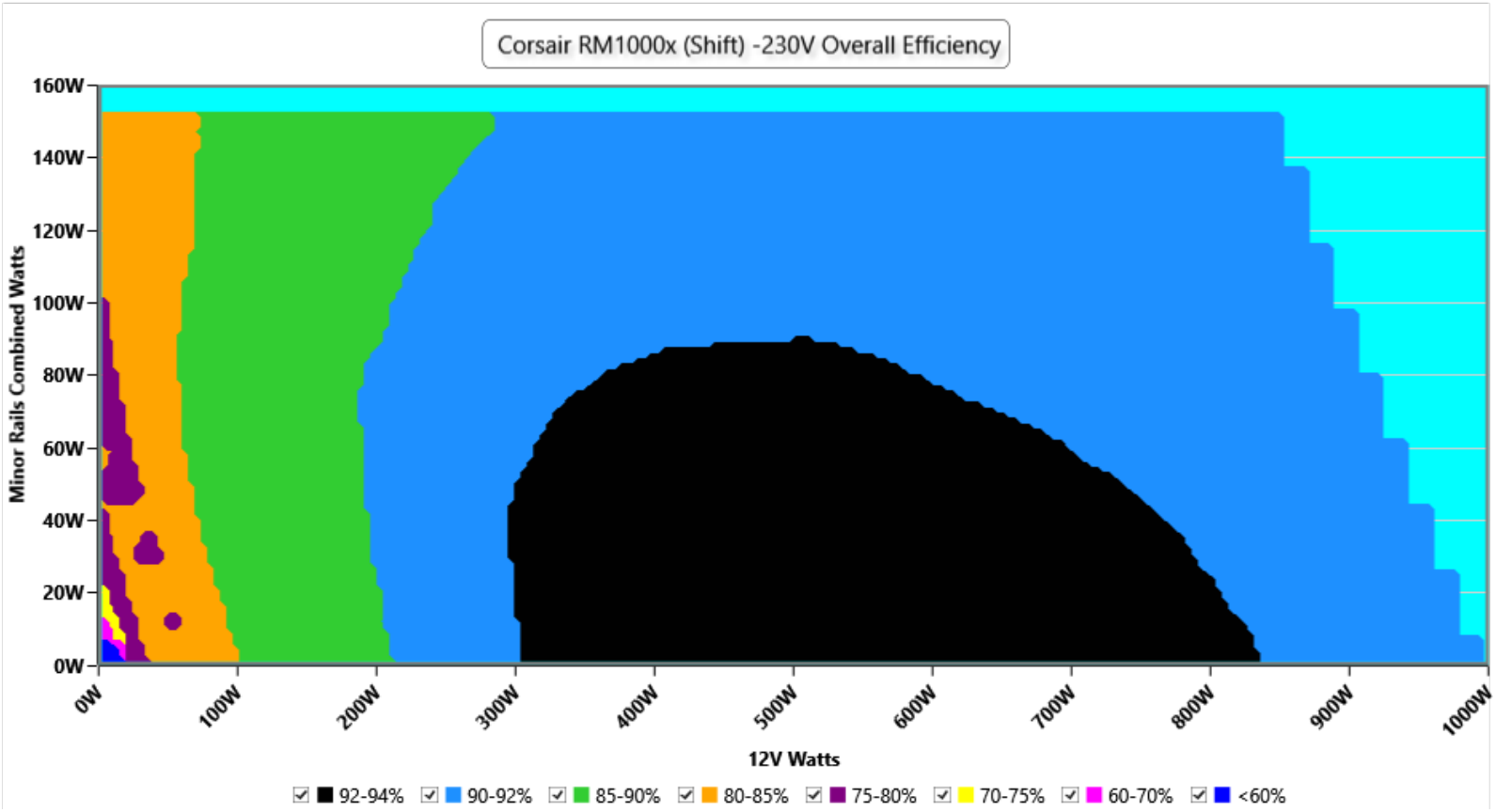
115V



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

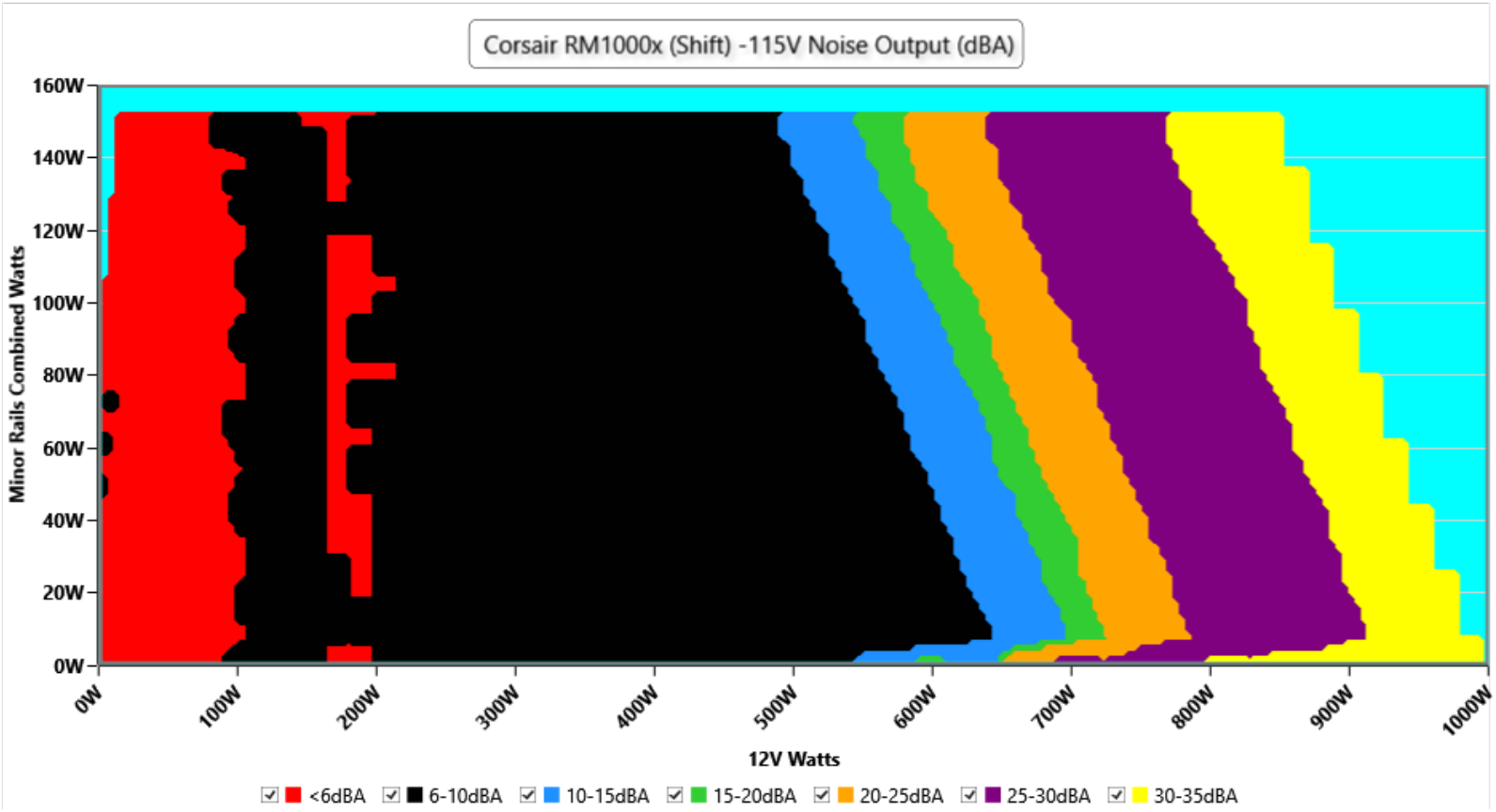


INFO

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

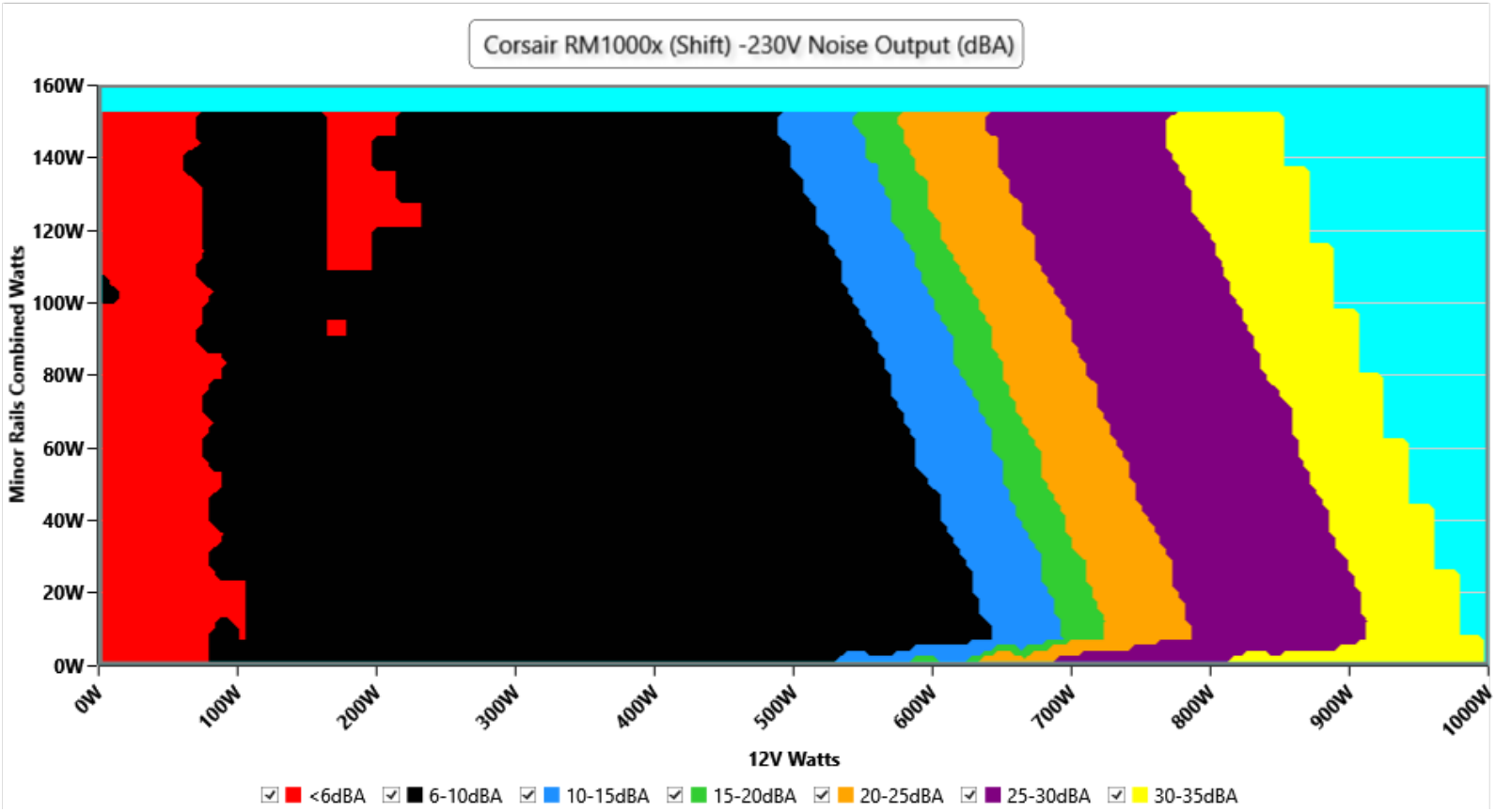
115V



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

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

Noise under high ambient temperature (indicative)

115V

Load	Normal ambient fan · noise · intake	High ambient fan · noise · intake	Noise change
10%	0 RPM · <6.0 dB(A) · 44.2 °C	0 RPM · <6.0 dB(A) · 44.2 °C	fan off in both
20%	0 RPM · <6.0 dB(A) · 44.5 °C	0 RPM · <6.0 dB(A) · 44.5 °C	fan off in both
50%	0 RPM · <6.0 dB(A) · 48.0 °C	0 RPM · <6.0 dB(A) · 48.0 °C	fan off in both
100%	1127 RPM · 33.0 dB(A) · 45.4 °C	1127 RPM · 33.0 dB(A) · 45.4 °C	**+0.0 dB(A)**

230V

Load	Normal ambient fan · noise · intake	High ambient fan · noise · intake	Noise change
10%	0 RPM · <6.0 dB(A) · 44.4 °C	0 RPM · <6.0 dB(A) · 44.4 °C	fan off in both
20%	0 RPM · <6.0 dB(A) · 45.1 °C	0 RPM · <6.0 dB(A) · 45.1 °C	fan off in both
50%	0 RPM · <6.0 dB(A) · 47.9 °C	0 RPM · <6.0 dB(A) · 47.9 °C	fan off in both
100%	1123 RPM · 32.9 dB(A) · 45.7 °C	1123 RPM · 32.9 dB(A) · 45.7 °C	**+0.0 dB(A)**

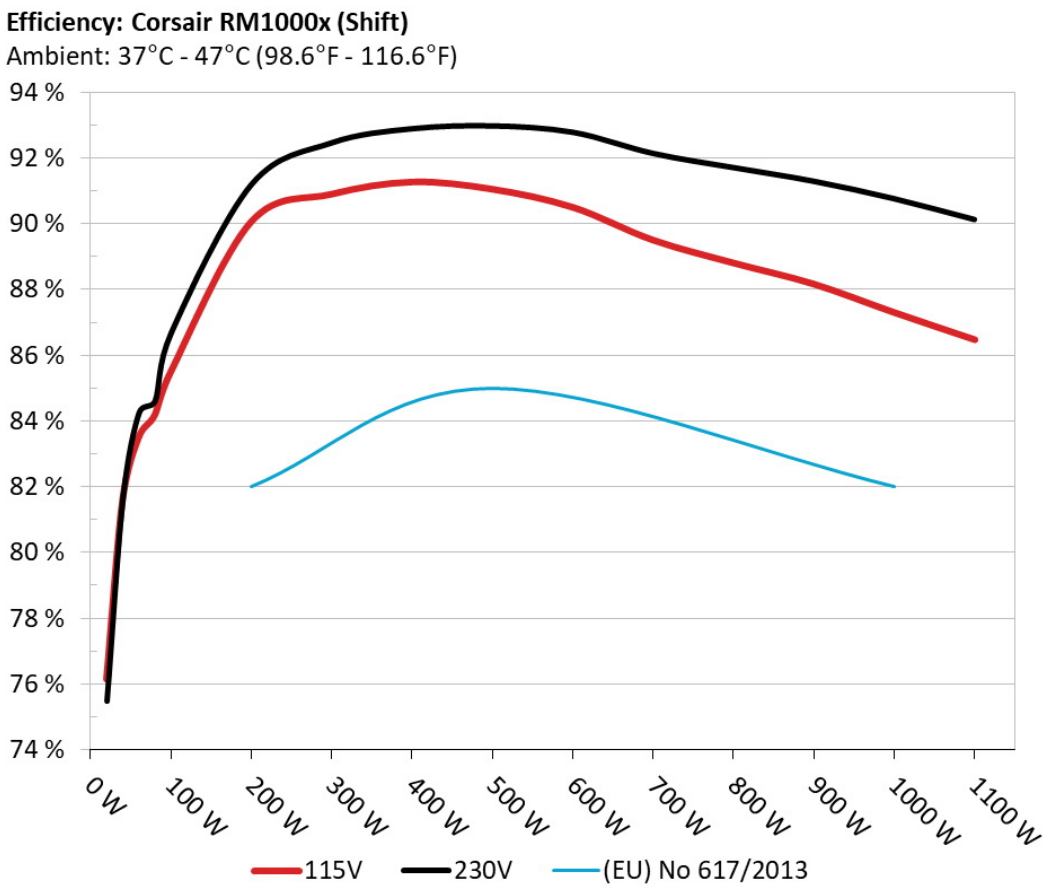
INFO

Fan speed, noise and the measured intake temperature at 10, 20, 50 and 100 % load, from the two load regulation tests: at normal ambient (about 30-32 °C) and at high ambient (about 40-47 °C). These are stabilized readings at fixed loads, not averages over the certification sweep, so they are indicative of how the fan behaves when it is hot. "<6.0" is the floor of our sound meter: the fan is stopped or too quiet to measure (the fan speed column says which); with the fan stopped, the intake sensor can read higher than the chamber air.

Informational. Not part of the ETA or LAMBDA rating.

Indicative Performance

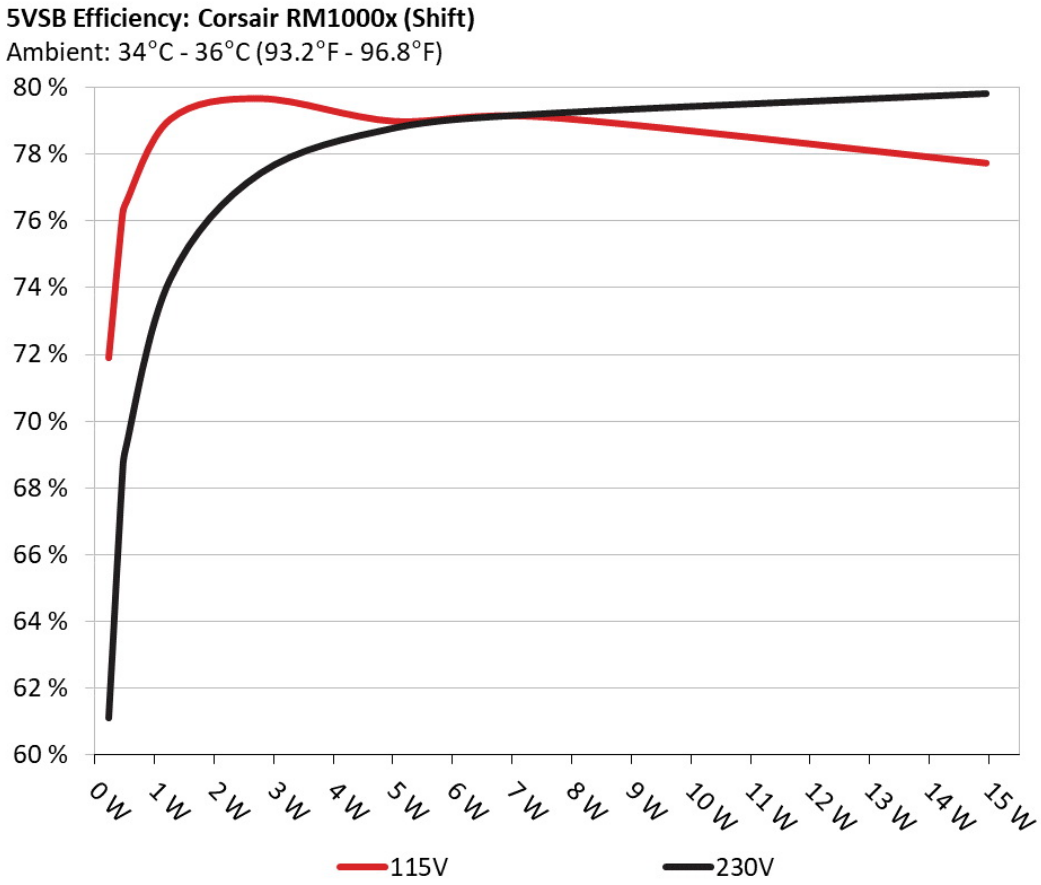
Efficiency under high ambient temperature



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	0.228W	71.889%	0.031
	5.056V	0.317W		115.17V
2	0.09A	0.455W	76.123%	0.058
	5.056V	0.598W		115.17V
3	0.55A	2.776W	79.667%	0.275
	5.045V	3.485W		115.17V
4	1A	5.036W	78.98%	0.39
	5.034V	6.377W		115.17V
5	1.5A	7.535W	79.11%	0.452
	5.022V	9.526W		115.18V
6	3.001A	14.956W	77.729%	0.528
	4.985V	19.241W		115.16V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	0.045A	0.228W	61.094%	0.011
	5.057V	0.373W		230.4V
2	0.09A	0.455W	68.317%	0.02
	5.056V	0.666W		230.4V
3	0.55A	2.776W	77.42%	0.102
	5.045V	3.586W		230.4V
4	1A	5.036W	78.779%	0.171
	5.034V	6.393W		230.4V
5	1.5A	7.535W	79.202%	0.234
	5.022V	9.513W		230.4V
6	3A	14.956W	79.804%	0.353
	4.985V	18.741W		230.4V

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%	6.534A	1.978A	1.992A	0.996A	100.02	85.511%	0	<6.0	44.18°C	0.981
	12.002V	5.057V	3.314V	5.021V	116.968				40.06°C	115.14V
20%	14.105A	2.968A	2.989A	1.198A	199.978	90.072%	0	<6.0	44.49°C	0.99
	11.987V	5.055V	3.312V	5.008V	222.02				40.17°C	115.11V
30%	22.037A	3.464A	3.489A	1.402A	300.021	90.913%	0	<6.0	45.98°C	0.993
	11.978V	5.053V	3.31V	4.996V	330.012				41.36°C	115.08V
40%	29.929A	3.96A	3.99A	1.606A	399.81	91.281%	0	<6.0	47.29°C	0.992
	11.981V	5.051V	3.309V	4.982V	438.002				42.26°C	115.06V
50%	37.478A	4.953A	4.991A	1.812A	499.545	91.065%	0	<6.0	47.96°C	0.992
	11.981V	5.049V	3.306V	4.969V	548.559				42.46°C	115.04V
60%	45.101A	5.947A	5.993A	2.001A	600.039	90.512%	489	7.3	43.15°C	0.993
	11.979V	5.046V	3.304V	4.971V	662.942				49.22°C	115.01V
70%	52.551A	6.945A	6.995A	2.188A	699.849	89.515%	650	14.7	43.44°C	0.995
	12.002V	5.041V	3.303V	5.029V	781.82				50.47°C	114.98V
80%	60.253A	7.944A	7.998A	2.291A	799.917	88.819%	818	23.3	43.78°C	0.995
	11.982V	5.037V	3.301V	5.02V	900.605				51.79°C	114.95V
90%	68.239A	8.446A	8.487A	2.396A	899.696	88.179%	976	28.8	44.78°C	0.996
	11.975V	5.033V	3.299V	5.01V	1020.317				54.09°C	114.93V
100%	76.010A	8.949A	9.006A	3.011A	999.741	87.314%	1127	33.0	45.39°C	0.996
	11.973V	5.03V	3.298V	4.983V	1144.983				55.57°C	114.9V
110%	83.710A	9.949A	10.103A	3.017A	1100.346	86.482%	1264	36.9	46.75°C	0.997
	11.970V	5.027V	3.296V	4.972V	1272.351				57.69°C	114.87V
CL1	0.117A	17.848A	18.073A	0A	151.318	82.091%	492	7.5	42.59°C	0.989
	12.008V	5.06V	3.298V	5.015V	184.331				47.97°C	115.12V

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	19.727A	0A	0A	101.405	81.52%	489	7.3	43.06°C	0.982
	12.014V	5.07V	3.3V	5.04V	124.393				49.44°C	115.14V
CL3	0.116A	0A	19.959A	0A	67.4	76.072%	488	7.3	44.56°C	0.972
	12.010V	5.062V	3.307V	5.026V	88.603				51.88°C	115.15V
CL4	83.602A	0.001A	0.001A	0.001A	1000.23	88.297%	1152	33.4	45.88°C	0.996
	11.964V	5.036V	3.304V	5.078V	1132.796				55.77°C	114.9V

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%	6.530A	1.976A	1.992A	0.996A	100.022	86.69%	0	<6.0	44.44°C	0.884
	12.008V	5.061V	3.314V	5.02V	115.376				40.35°C	230.4V
20%	14.104A	2.966A	2.99A	1.199A	199.981	91.203%	0	<6.0	45.06°C	0.949
	11.988V	5.058V	3.312V	5.007V	219.269				40.68°C	230.39V
30%	22.028A	3.462A	3.49A	1.402A	300.04	92.47%	0	<6.0	46.22°C	0.968
	11.984V	5.056V	3.31V	4.994V	324.472				41.52°C	230.38V
40%	29.932A	3.959A	3.991A	1.607A	399.843	92.899%	0	<6.0	47.13°C	0.977
	11.981V	5.054V	3.308V	4.98V	430.406				42.11°C	230.37V
50%	37.467A	4.949A	4.992A	1.812A	499.593	92.984%	0	<6.0	47.91°C	0.981
	11.986V	5.053V	3.305V	4.967V	537.282				42.39°C	230.36V
60%	45.118A	5.945A	5.994A	2.001A	600.065	92.79%	489	7.3	42.51°C	0.984
	11.976V	5.048V	3.304V	4.969V	646.698				48.63°C	230.35V
70%	52.581A	6.944A	6.995A	2.192A	699.834	92.148%	651	14.8	43.04°C	0.987
	11.995V	5.042V	3.303V	5.02V	759.464				50.08°C	230.33V
80%	60.273A	7.941A	7.998A	2.291A	799.883	91.716%	818	23.3	43.19°C	0.988
	11.978V	5.039V	3.301V	5.02V	872.133				51.42°C	230.33V
90%	68.257A	8.443A	8.487A	2.396A	899.686	91.303%	975	28.8	44.03°C	0.989
	11.972V	5.035V	3.299V	5.009V	985.381				53.24°C	230.31V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
100%	76.024A	8.954A	9.007A	3.01A	999.696	90.771%	1123	32.9	45.68°C	0.99
	11.970V	5.027V	3.298V	4.984V	1101.34				55.77°C	230.29V
110%	83.725A	9.954A	10.105A	3.017A	1100.342	90.136%	1273	37.1	46.97°C	0.991
	11.968V	5.024V	3.295V	4.973V	1220.761				57.91°C	230.28V
CL1	0.117A	17.857A	18.087A	0A	151.315	83.244%	489	7.3	42.62°C	0.938
	11.999V	5.057V	3.295V	5.015V	181.767				48.18°C	230.4V
CL2	0.116A	19.74A	0A	0A	101.402	80.878%	488	7.3	43.13°C	0.901
	12.021V	5.066V	3.301V	5.04V	125.38				50.16°C	230.4V
CL3	0.116A	0A	19.959A	0A	67.399	74.438%	487	7.2	44.28°C	0.847
	12.010V	5.059V	3.307V	5.026V	90.543				52.39°C	230.4V
CL4	83.554A	0.001A	0.001A	0.001A	1000.238	91.419%	1149	33.3	45.31°C	0.99
	11.971V	5.033V	3.305V	5.078V	1094.133				55.31°C	230.29V

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	1.234A	0.495A	0.498A	0.198A	20.005	76.156%	0	<6.0	40.02°C	0.854
	12.032V	5.055V	3.315V	5.051V	26.266				36.95°C	115.16V
40W	2.716A	0.692A	0.697A	0.297A	40.004	81.626%	0	<6.0	41.14°C	0.938
	12.035V	5.056V	3.316V	5.046V	49.009				37.82°C	115.16V
60W	4.196A	0.89A	0.896A	0.397A	60.003	83.516%	0	<6.0	41.99°C	0.965
	12.041V	5.057V	3.315V	5.042V	71.847				38.32°C	115.15V
80W	5.694A	1.088A	1.095A	0.497A	79.965	84.19%	0	<6.0	42.36°C	0.974
	12.002V	5.057V	3.315V	5.037V	94.981				38.44°C	115.14V

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	1.234A	0.494A	0.498A	0.198A	20.008	75.477%	0	<6.0	40.01°C	0.489
	12.040V	5.059V	3.315V	5.05V	26.503				36.89°C	230.41V
40W	2.716A	0.692A	0.697A	0.297A	40.006	81.675%	0	<6.0	40.51°C	0.686
	12.039V	5.06V	3.315V	5.046V	48.981				37.23°C	230.41V
60W	4.196A	0.89A	0.896A	0.397A	60.003	84.254%	0	<6.0	42.21°C	0.795
	12.041V	5.06V	3.315V	5.042V	71.216				38.67°C	230.4V
80W	5.692A	1.087A	1.095A	0.497A	79.966	84.611%	0	<6.0	43.32°C	0.85
	12.004V	5.06V	3.315V	5.036V	94.506				39.57°C	230.4V

The results above are not used in the certification process

Ripple Measurements

115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	10.01mV	4.40mV	4.91mV	8.41mV	Pass
20% Load	11.42mV	5.73mV	6.34mV	8.98mV	Pass
30% Load	12.05mV	6.95mV	7.57mV	10.61mV	Pass
40% Load	14.05mV	10.23mV	10.18mV	11.16mV	Pass
50% Load	13.59mV	15.14mV	15.10mV	12.03mV	Pass
60% Load	15.07mV	11.15mV	12.74mV	12.80mV	Pass
70% Load	17.11mV	19.43mV	21.75mV	15.34mV	Pass
80% Load	18.39mV	13.14mV	18.99mV	16.67mV	Pass
90% Load	21.15mV	15.65mV	21.80mV	18.35mV	Pass
100% Load	26.04mV	16.96mV	23.37mV	20.58mV	Pass
110% Load	28.40mV	16.97mV	23.22mV	21.43mV	Pass
Crossload1	16.89mV	8.77mV	14.39mV	8.85mV	Pass
Crossload2	10.46mV	5.52mV	5.12mV	7.03mV	Pass

Test	12V	5V	3.3V	5VSB	Pass/Fail
Crossload3	6.69mV	4.04mV	12.49mV	6.12mV	Pass
Crossload4	25.16mV	14.80mV	17.13mV	16.06mV	Pass

The results above are not used in the certification process

230V

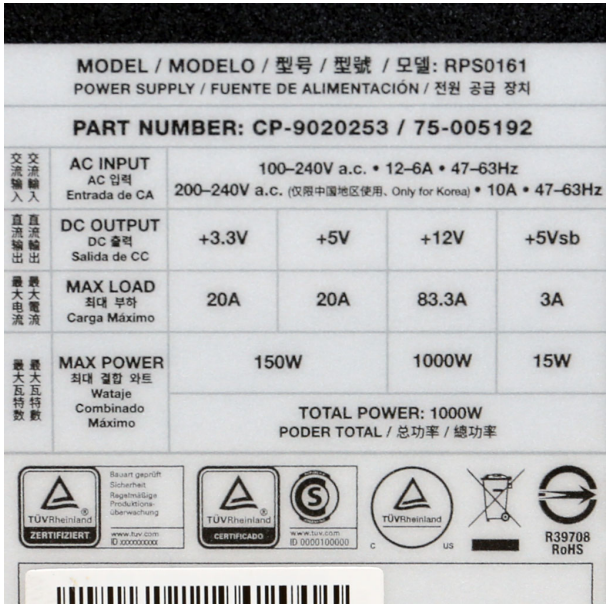
Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	10.61mV	3.89mV	4.35mV	6.83mV	Pass
20% Load	12.45mV	5.11mV	5.63mV	8.77mV	Pass
30% Load	11.48mV	6.96mV	7.06mV	9.48mV	Pass
40% Load	13.13mV	9.46mV	10.19mV	10.81mV	Pass
50% Load	13.48mV	13.91mV	14.23mV	11.47mV	Pass
60% Load	14.76mV	11.71mV	12.08mV	12.34mV	Pass
70% Load	17.62mV	18.61mV	20.06mV	14.99mV	Pass
80% Load	19.25mV	14.11mV	19.75mV	16.57mV	Pass
90% Load	20.69mV	15.14mV	21.14mV	18.45mV	Pass
100% Load	27.18mV	16.47mV	22.73mV	19.95mV	Pass
110% Load	28.36mV	16.54mV	23.97mV	21.27mV	Pass
Crossload1	17.33mV	7.66mV	14.18mV	8.01mV	Pass
Crossload2	6.69mV	5.62mV	5.17mV	6.48mV	Pass
Crossload3	6.28mV	4.09mV	13.10mV	6.12mV	Pass
Crossload4	26.53mV	15.06mV	17.31mV	15.92mV	Pass

The results above are not used in the certification process

Corsair RM1000x Shift (ATX v3.0)



Top side



Power specifications label

Cybenetics bietet freiwillige Zertifizierungsprogramme für Netzteile – ETA für Effizienz, LAMBDA für Lautstärke und SAFE für Sicherheit und korrekten Betrieb – sowie für Kühlprodukte mit DELTA für die Schalldämmung von Gehäusen und PHI für Luftstrom und statischen Druck von Lüftern

CYBENETICS LTD Syrou 6, Latsia, 2231, Nicosia Cyprus

www.cybenetics.com - info@cybenetics.com