

Lab ID#: CR85002022 Receipt Date: -Test Date: May 31, 2022

EFFICIENCY AND NOISE LEVEL CERTIFICATIONS

Corsair RM850x (Shift)

Report: 22PS2022A

Report Date: May 31, 2022

DUT INFORMATION

Brand	Corsair
Manufacturer (OEM)	CWT
Series	Shift
Model Number	RPS0160
Serial Number	22177119000051910189
DUT Notes	CP-9020252

DUT SPECIFICATIONS					
Rated Voltage (Vrms)	100-240				
Rated Current (Arms)	10-5				
Rated Frequency (Hz)	47-63				
Rated Power (W)	850				
Туре	ATX12V				
Cooling	140mm Fluid Dynamic Bearing Fan (NR140P)				
Semi-Passive Operation	1				
Cable Design	Fully Modular				

TEST EQUIPMENT

Electronic Loads	Chroma 63601-5 x4 Chroma 63600-2 x2 63640-80-80 x20 63610-80-20 x2
AC Sources	Chroma 6530, Keysight AC6804B
Power Analyzers	N4L PPA1530 x2
Sound Analyzer	Bruel & Kjaer 2270 G4
Microphone	Bruel & Kjaer Type 4955-A
Data Loggers	Picoscope TC-08 x2, Labjack U3-HV x2
Tachometer	UNI-T UT372 x2
Digital Multimeter	Keysight U1273AX, Fluke 289, Keithley 2015 - THD
UPS	CyberPower OLS3000E 3kVA x2
Transformer	3kVA x2

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RESULTS	
Temperature Range (°C /°F)	30-32 / 86-89.6
ErP Lot 3/6 Ready	1
(EU) No 617/2013 Compliance	1
ALPM (Alternative Low Power Mode) compatible	1
ATX 3.0 Ready	1

115V		230V	
Average Efficiency	88.672%	Average Efficiency	90.817%
Efficiency With 10W (≤500W) or 2% (>500W)	77.560	Average Efficiency 5VSB	78.123%
Average Efficiency 5VSB	77.812%	Standby Power Consumption (W)	0.0779000
Standby Power Consumption (W)	0.0525000	Average PF	0.964
Average PF	0.988	Avg Noise Output	23.03 dB(A)
Avg Noise Output	22.94 dB(A)	Efficiency Rating (ETA)	GOLD
Efficiency Rating (ETA)	GOLD	Noise Rating (LAMBDA)	А
Noise Rating (LAMBDA)	А		

POWER SPECIFICATIONS

Rail		3.3V	5V	12V	5VSB	-12V
Max. Power	Amps	20	20	70.8	3	NaN
	Watts	150		849.6	15	NaN
Total Max. Power (W)		850				

HOLD-UP TIME & POWER OK SIGNAL (230V)

Hold-Up Time (ms)	23.2
AC Loss to PWR_OK Hold Up Time (ms)	19.9
PWR_OK Inactive to DC Loss Delay (ms)	3.3

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CABLES AND CONNECTORS						
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 (660mm)	2	2	18AWG	No		
12 pin PCle (660mm)	1	1	16AWG	No		
6+2 pin PCle (660mm+100mm)	3	6	16-18AWG	No		
SATA (460mm+110mm+110mm+110mm)	3	12	18AWG	No		
4 pin Molex (450mm+100mm+100mm+100mm)	2	8	18AWG	No		
AC Power Cord (1370mm) - C13 coupler	1	1	18AWG	-		

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General Data	-
Manufacturer (OEM)	CWT
РСВ Туре	Double Sided
Primary Side	-
Transient Filter	6x Y caps, 2x X caps, 2x CM chokes, 1x MOV
Inrush Protection	1x NTC Thermistor SCK207R0 (7 Ohm) & Relay
Bridge Rectifier(s)	2x GBJ1506 (600V, 15A @ 100°C)
APFC MOSFETs	2x Infineon IPA60R125P6 (600V, 19A @ 100°C, Rds(on): 0.1250hm) & 1x Sync Power SPN5003 FET (for reduced no-load consumption)
APFC Boost Diode	1x On Semiconductor FFSP0865A (650V, 8A @ 155°C)
Bulk Cap(s)	2x Nippon Chemi-Con (400V, 470uF each or 940uF combined, 2,000h @ 105°C, KMW)
Main Switchers	2x STMicroelectronics STF33N60M2 (600V, 16A @ 100°C, Rds(on): 0.1250hm)
Driver IC(s)	Champion CM6500UNX
Digital Controllers	Champion CU6901VAC
Topology	Primary side: APFC, Half-bridge & LLC converter Secondary side: Synchronous Rectification & DC-DC converters
Secondary Side	-
+12V MOSFETs	6x On Semiconductor NTMFS5C430N (40V, 131A @ 100°C, Rds(on): 1.7mOhm)
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: 22x FPCAP, 5x 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

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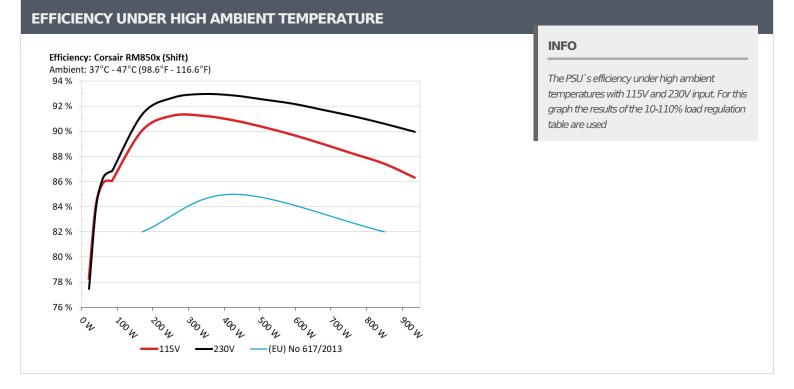
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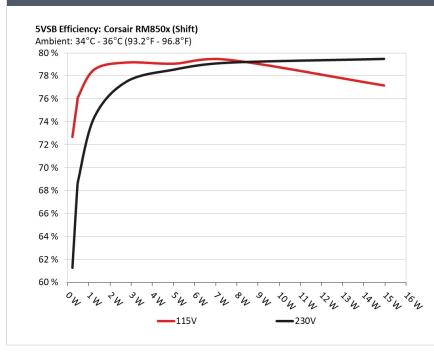


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5VSB EFFICIENCY



INFO

This graph depicts the efficiency levels of the 5VSB rail with 115V and 230V input

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Anex

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5VSB EFFICIENCY -115V (ERP LOT 3/6 & CEC)					
Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts	
	0.045A	0.228W	- 70 670/	0.031	
1	5.069V	0.314W	72.67%	115.17V	
2	0.09A	0.456W		0.06	
2	5.068V	0.602W	75.716%	115.17V	
_	0.55A	2.781W		0.271	
3	5.055V	3.512W	79.18%	115.16V	
4	1A	5.044W		0.374	
4	5.043V	6.379W	79.075%	115.16V	
-	1.5A	7.545W	70 4000/	0.429	
5	5.029V	9.499W	79.429%	115.17V	
	ЗА	14.964W		0.502	
6	4.988V	19.39W	77.171%	115.15V	

5VSB EFFICIENCY -230V (ERP LOT 3/6 & CEC)

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
	0.045A	0.228W	C1 2710/	0.011
1	5.069V	0.372W	61.271%	230.39V
2	0.09A	0.456W	CO 105%	0.02
2	5.067V	0.669W	68.185%	230.39V
	0.55A	2.781W	77 4050/	0.103
3	5.055V	3.589W	77.495%	230.39V
4	1A	5.044W		0.172
4	5.043V	6.421W	78.55%	230.39V
-	1.5A	7.545W	701400/	0.232
5	5.029V	9.535W	79.143%	230.39V
6	3A	14.965W	70 4760/	0.342
	4.988V	18.831W	79.476%	230.38V

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EFFICIENCY AND NOISE LEVEL CERTIFICATIONS

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115V

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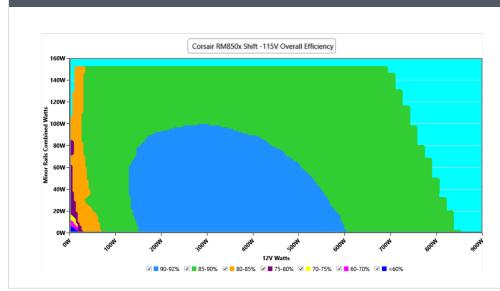
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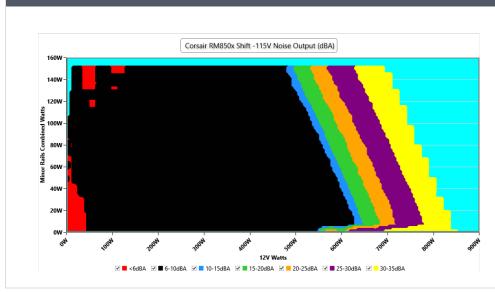
EFFICIENCY GRAPH 115V



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

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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Corsair RM850x (Shift)

Anex

VAMPIRE POWER -115V

Detailed Results						
	Average	Min	Limit Min	Мах	Limit Max	Result
Mains Voltage RMS:	115.12 V	115.09 V	113.85 V	115.16 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 %	0.10 %	N/A	0.18 %	2.00 %	PASS
Real Power:	0.052 W	0.045 W	N/A	0.065 W	N/A	N/A
Apparent Power:	9.649 W	9.591 W	N/A	9.703 W	N/A	N/A
Power Factor:	0.005	N/A	N/A	N/A	N/A	N/A

INFO

This graph is generated by the PPA Standby Power Analysis software which takes full control of the power analyzer during the whole procedure. This application features all of the EN50564 & IEC62301 test limits for standby power software testing

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10-1	10% LOA	D 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
100/	5.234A	1.984A	1.998A	0.994A	85.008	OF 7510/	0	-6.0	45.45°C	0.98
10%	12.114V	5.041V	3.303V	5.032V	99.137	85.751%	0	<6.0	40.37°C	115.15V
200/	11.496A	2.978A	2.999A	1.196A	169.971	- 00.0070/	0	-60	46.08°C	0.988
20%	12.096V	5.038V	3.301V	5.018V	188.654	90.097%		<6.0	40.56°C	115.13V
200/	18.120A	3.476A	3.501A	1.399A	254.987	01 2600/	0	-60	47.95°C	0.99
30%	12.082V	5.036V	3.3V	5.005V	279.378	91.269%	0	<6.0	41.81°C	115.11V
400/	24.747A	3.974A	4.002A	1.603A	340.082	01 2010/	0	-6.0	48.65°C	0.988
40%	12.077V	5.034V	3.299V	4.992V	372.652	91.261%		<6.0	42.01°C	115.08V
E00/	31.039A	4.97A	5.006A	1.808A	425.154	00.0020/	0	-6.0	50.28°C	0.989
50%	12.070V	5.032V	3.297V	4.978V	467.702	90.903%	0	<6.0	43.16°C	115.06V
600/	37.286A	5.966A	6.01A	2.001A	509.643	00 2620/	407	7.3	43.69°C	0.991
60%	12.065V	5.03V	3.295V	4.972V	563.999	90.362%	487		51.31°C	115.03V
700/	43.588A	6.963A	7.016A	2.189A	595.041	00 700/	490	7.4	44.07°C	0.992
70%	12.065V	5.028V	3.293V	5.027V	663.22	89.72%	489		52.27°C	115.01V
000/	49.925A	7.962A	8.022A	2.287A	679.889	00.0040/	660	17.2	44.26°C	0.993
80%	12.057V	5.026V	3.291V	5.029V	764.059	88.984%	668		53.14°C	114.99V
000/	56.657A	8.464A	8.511A	2.391A	765.328	00 20 40/	000	26.7	45.31°C	0.994
90%	12.052V	5.023V	3.29V	5.019V	867.679	88.204%	890	26.7	54.5°C	114.96V
1000/	63.150A	8.969A	9.032A	3.003A	850.06	07 4000/	1000	22.0	45.84°C	0.994
100%	12.041V	5.018V	3.289V	4.995V	972.255	87.432%	1090	33.0	55.96°C	114.94V
1100/	69.493A	9.969A	10.131A	3.01A	934.685	06 2210/	1200	ד דר	46.86°C	0.995
110%	12.036V	5.016V	3.287V	4.985V	1082.671	86.331%	1290	37.7	57.72°C	114.92V
	0.116A	17.907A	18.115A	0A	151.31	02 60/	400	7.4	42.76°C	0.988
CL1	12.106V	5.043V	3.29V	5.031V	180.995	83.6%	489	7.4	49.53°C	115.14V
CI 2	0.115A	19.789A	0A	0A	101.401	02 7000/	400	7.4	43.15°C	0.982
CL2	12.122V	5.054V	3.294V	5.055V	122.505	82.769%	488	7.4	50.83°C	115.15V
	0.115A	0A	20.006A	0A	67.401	70.0010/	407	7.2	44.41°C	0.975
CL3	12.116V	5.045V	3.299V	5.041V	86.41	78.001%	487	7.3	52.75°C	115.16V
	70.564A	0A	0.001A	0.002A	849.826	00.17404	1100	24.2	45.06°C	0.994
CL4	12.044V	5.024V	3.296V	5.098V	963.801	88.174%	1136	34.2	55.01°C	114.95V

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Anex

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20-80W 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
2014	1.237A	0.496A	0.499A	0.198A	20.007	70 2020/	70 2020/		40.01°C	0.856
20W	12.013V	™ 5.042V 3.304V 5.062V 25.56 78.282% 0	0	<6.0	36.8°C	115.17V				
40144	2.720A	0.694A	0.699A	0.297A	40.006	04.100/	0	-6.0	41.2°C	0.94
40W	12.020V 5.041V 3.304V 5.057V 47.528	84.18%	0	<6.0	37.55°C	115.17V				
COLM	4.201A	0.893A	0.899A	0.396A	60.005	05.0000/		6.0	43.01°C	0.963
60W	12.029V 5.04V 3.304V 5.052V 69.855	85.899%	0	<6.0	38.95°C	115.15V				
80W	5.642A	1.091A	1.099A	0.495A	79.969	05.0520/	6.063% 0	<6.0	43.59°C	0.978
	12.114V	5.041V	3.304V	5.048V	92.918	80.003%			39.12°C	115.15V

RIPPLE MEASUREMENTS 115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	6.38mV	3.48mV	4.86mV	7.09mV	Pass
20% Load	15.92mV	3.94mV	5.43mV	8.31mV	Pass
30% Load	10.47mV	5.58mV	6.76mV	9.79mV	Pass
40% Load	11.08mV	8.03mV	10.24mV	11.98mV	Pass
50% Load	12.97mV	5.83mV	8.09mV	13.00mV	Pass
60% Load	14.10mV	7.98mV	10.75mV	14.84mV	Pass
70% Load	16.45mV	7.42mV	10.29mV	17.39mV	Pass
80% Load	18.44mV	11.66mV	18.48mV	19.12mV	Pass
90% Load	20.07mV	12.27mV	19.75mV	20.14mV	Pass
100% Load	25.25mV	10.48mV	16.95mV	26.33mV	Pass
110% Load	27.10mV	11.20mV	18.29mV	27.66mV	Pass
Crossload1	19.16mV	5.48mV	12.85mV	13.07mV	Pass
Crossload2	6.38mV	4.70mV	5.32mV	10.71mV	Pass
Crossload3	5.67mV	3.38mV	11.87mV	9.58mV	Pass
Crossload4	25.10mV	9.91mV	13.50mV	24.43mV	Pass

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EFFICIENCY AND NOISE LEVEL CERTIFICATIONS

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230V

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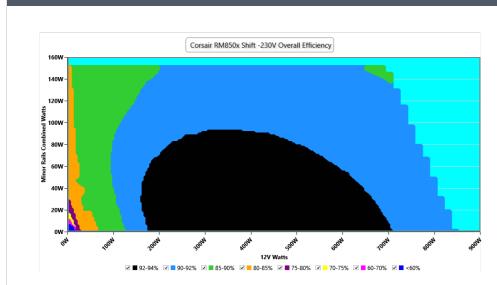
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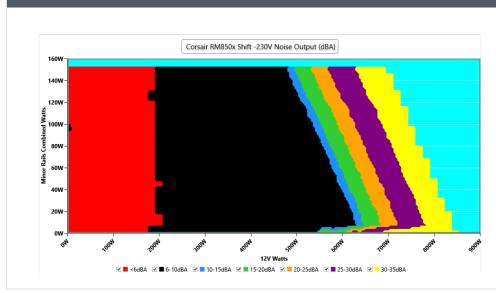
EFFICIENCY GRAPH 230V



INFO

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NOISE GRAPH 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

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Anex

VAMPIRE POWER -230V

Detailed Results									
	Average	Min	Limit Min	Max	Limit Max	Result			
Mains Voltage RMS:	230.27 V	230.17 V	227.70 V	230.34 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:	1.416	1.415	1.340	1.417	1.490	PASS			
Mains Voltage THD:	0.12 %	0.10 %	N/A	0.19%	2.00 %	PASS			
Real Power:	0.078 W	0.065 W	N/A	0.099 W	N/A	N/A			
Apparent Power:	32.270 W	32.048 W	N/A	32.462 W	N/A	N/A			
Power Factor:	0.002	N/A	N/A	N/A	N/A	N/A			

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10-110% LOAD TESTS 230V											
Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts	
/	5.230A	1.983A	1.998A	0.994A	85.011				45.8°C	0.863	
10%	12.123V	5.044V	3.303V	5.031V	97.873	86.86%	0	<6.0	40.58°C	230.4V	
	11.484A	2.977A	ЗA	1.196A	169.981				46.74°C	0.941	
20%	12.111V	5.041V	3.301V	5.017V	186	91.387%	0	<6.0	40.96°C	230.39V	
2004	18.105A	3.475A	3.501A	1.399A	254.997	00.0001/	<u>^</u>	<u> </u>	47.65°C	0.964	
30%	12.093V	5.038V	3.299V	5.004V	275.112	92.689%	0	<6.0	41.55°C	230.39V	
400/	24.730A	3.973A	4.004A	1.604A	340.096	00.0000/	% 0	6.0	48.39°C	0.973	
40%	12.086V	5.036V	3.297V	4.99V	365.751	92.986%		<6.0	41.87°C	230.38V	
500/	31.020A	4.968A	5.009A	1.809A	425.2	00.070%	_	<u> </u>	49.01°C	0.978	
50%	12.079V	5.034V	3.295V	4.977V	457.834	92.872%	0	<6.0	41.93°C	230.37V	
600/	37.270A	5.966A	6.014A	2.001A	509.68	00 5 400/	491	7.5	42.17°C	0.981	
60%	12.072V	5.03V	3.293V	4.974V	550.715	92.549%			49.82°C	230.36V	
700/	43.610A	6.969A	7.021A	2.198A	595.028	00 1000/	400	7.6	43.27°C	0.983	
70%	12.060V	5.024V	3.291V	5.007V	645.371	92.199%	492		51.54°C	230.35V	
200/	49.934A	7.968A	8.029A	2.287A	679.891	01 7020/	670	17.0	44.16°C	0.984	
80%	12.055V	5.022V	3.289V	5.029V	741.406	91.703%	670	17.3	52.88°C	230.34V	
200/	56.676A	8.471A	8.52A	2.392A	765.35	07.70.40/	000	26.7	44.74°C	0.985	
90%	12.048V	5.019V	3.287V	5.018V	839.252	91.194%	889	26.7	53.82°C	230.32V	
1000/	63.154A	8.975A	9.042A	3.005A	850.163	00 0000/	1000	22.0	45.91°C	0.986	
100%	12.041V	5.015V	3.285V	4.992V	938.279	90.609%	1092	33.0	55.95°C	230.31V	
1100/	69.502A	9.978A	10.144A	3.011A	934.753	00.0700/	1007	20.0	46.56°C	0.987	
110%	12.035V	5.012V	3.283V	4.982V	1038.93	89.973%	1337	38.9	57.47°C	230.3V	
	0.116A	17.91A	18.125A	0A	151.323	04 (222)/	100	7.5	42.66°C	0.939	
CL1	12.116V	5.042V	3.288V	5.028V	178.801	84.633%	490	7.5	49.27°C	230.4V	
~ ~	0.116A	19.792A	0A	0A	101.413	02 5210/	400	7 4	43.76°C	0.898	
CL2	12.127V	5.053V	3.292V	5.053V	121.407	83.531%	489	7.4	50.85°C	230.41V	
C D	0.116A	0A	20.006A	0A	67.403	70 2210/	100	7.4	44.51°C	0.837	
CL3	12.115V	5.044V	3.299V	5.04V	86.039	78.331%	488	7.4	52.77°C	230.41V	
~	70.569A	0A	0.001A	0.002A	849.887				45.85°C	0.986	
CL4	12.044V	5.019V	3.293V	5.097V	931.028	91.286%	1138	34.3	55.22°C	230.32V	

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Anex

Corsair RM850x (Shift)

20-80W LOAD TESTS 230V										
12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts	
1.236A	0.496A	0.499A	0.198A	20.006		0	-6.0	39.82°C	0.476	
12.016V		0	<6.0	36.62°C	230.4V					
2.720A	0.694A	0.699A	0.297A	40.004	0.1.0010/	0	-6.0	41.31°C	0.682	
12.023V 5.042V 3.30	3.304V	5.057V	47.608	84.031%	0	<0.0	37.76°C	230.39V		
4.201A	0.893A	0.899A	0.396A	60.006	86.335%	000000	0	6.0	42.24°C	0.787
12.029V	5.041V	3.304V	5.052V	69.5		0	<6.0	38.23°C	230.4V	
5.640A	1.091A	1.099A	0.495A	79.972	06.00.40/	0	<6.0	43.63°C	0.851	
12.118V	5.042V	3.304V	5.047V	92.137	80.804%			39.26°C	230.4V	
	12V 1.236A 12.016V 2.720A 12.023V 4.201A 12.029V 5.640A	12V 5V 1.236A 0.496A 12.016V 5.043V 2.720A 0.694A 12.023V 5.042V 4.201A 0.893A 12.029V 5.041V 5.640A 1.091A	12V 5V 3.3V 1.236A 0.496A 0.499A 12.016V 5.043V 3.304V 2.720A 0.694A 0.699A 12.023V 5.042V 3.304V 4.201A 0.893A 0.899A 12.029V 5.041V 3.304V 5.640A 1.091A 1.099A	12V 5V 3.3V 5VSB 1.236A 0.496A 0.499A 0.198A 12.016V 5.043V 3.304V 5.061V 2.720A 0.694A 0.699A 0.297A 12.023V 5.042V 3.304V 5.057V 4.201A 0.893A 0.899A 0.396A 12.029V 5.041V 3.304V 5.052V 5.640A 1.091A 1.099A 0.495A	12V5V3.3V5VSBDC/AC (Watts)1.236A0.496A0.499A0.198A20.00612.016V5.043V3.304V5.061V25.8282.720A0.694A0.699A0.297A40.00412.023V5.042V3.304V5.057V47.6084.201A0.893A0.899A0.396A60.00612.029V5.041V3.304V5.052V69.55.640A1.091A1.099A0.495A79.972	12V 5V 3.3V 5VSB DC/AC (Watts) Efficiency 1.236A 0.496A 0.499A 0.198A 20.006 77.457% 12.016V 5.043V 3.304V 5.061V 25.828 77.457% 2.720A 0.694A 0.699A 0.297A 40.004 84.031% 12.023V 5.042V 3.304V 5.057V 47.608 86.335% 12.023V 5.042V 3.304V 5.052V 69.5 86.335% 12.023V 5.041V 3.304V 5.052V 69.5 86.335% 12.029V 5.041V 3.304V 5.052V 69.5 86.804%	12V5V3.3V5VSB DC/AC (Watts)Efficiency $Fan Speed$ (RPM)1.236A0.496A0.499A0.198A20.006 7.457% 012.016V5.043V3.304V5.061V25.828 7.457% 02.720A0.694A0.699A0.297A40.004 84.031% 012.023V5.042V3.304V5.057V47.608 86.335% 012.023V5.042V3.304V5.057V47.608 86.335% 012.029V5.041V3.304V5.052V69.5 86.335% 05.640A1.091A1.099A0.495A79.972 86.804% 0	12V 5V 3.3V 5VSB DC/AC (Watts) Efficiency Fan Speed (RPM) PSU Noise (dB[A]) 1.236A 0.496A 0.499A 0.198A 20.006 77.457% 0 -6.0 12.016V 5.043V 3.304V 5.061V 25.828 77.457% 0 -6.0 2.720A 0.694A 0.699A 0.297A 40.004 84.031% 0 -6.0 12.023V 5.042V 3.304V 5.057V 47.608 84.031% 0 -6.0 4.201A 0.893A 0.899A 0.396A 60.006 86.335% 0 -6.0 12.029V 5.041V 3.304V 5.052V 69.5 86.335% 0 -6.0 12.029V 5.041V 3.304V 5.052V 69.5 86.804% 0 -6.0	12V 5V 3.3V 5VSB DC/AC (Watts) Efficiency Fan Speed (RPM) PSU Noise (dB[A]) Temps (in/Out) 1.236A 0.496A 0.499A 0.198A 20.006 77.457% 0 -6.0 39.82° C 12.016V 5.043V 3.304V 5.061V 25.828 77.457% 0 -6.0 36.62° C 2.720A 0.694A 0.699A 0.297A 40.004 84.031% 0 -6.0 41.31° C 12.023V 5.042V 3.304V 5.057V 47.608 84.031% 0 -6.0 42.24° C 4.201A 0.893A 0.899A 0.396A 60.006 86.335% 0 -6.0 42.24° C 12.029V 5.041V 3.304V 5.052V 69.5 86.335% 0 -6.0 38.23° C 5.640A 1.091A 1.099A 0.495A 79.972 86.804% 0 -6.0 43.63° C	

RIPPLE MEASUREMENTS 230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	6.08mV	3.27mV	4.91mV	6.78mV	Pass
20% Load	17.96mV	3.94mV	5.53mV	8.01mV	Pass
30% Load	11.22mV	5.17mV	6.96mV	9.53mV	Pass
40% Load	11.29mV	8.13mV	10.29mV	11.26mV	Pass
50% Load	12.62mV	5.83mV	8.70mV	12.39mV	Pass
60% Load	14.56mV	8.39mV	11.16mV	14.38mV	Pass
70% Load	16.55mV	9.05mV	12.13mV	16.31mV	Pass
80% Load	18.90mV	11.71mV	18.58mV	18.35mV	Pass
90% Load	19.82mV	12.78mV	20.06mV	19.63mV	Pass
100% Load	26.06mV	10.45mV	17.33mV	24.92mV	Pass
110% Load	27.71mV	11.10mV	18.72mV	26.77mV	Pass
Crossload1	20.71mV	5.50mV	12.66mV	12.01mV	Pass
Crossload2	6.38mV	4.60mV	5.63mV	10.60mV	Pass
Crossload3	5.92mV	3.17mV	11.67mV	9.23mV	Pass
Crossload4	26.32mV	9.65mV	13.95mV	23.62mV	Pass

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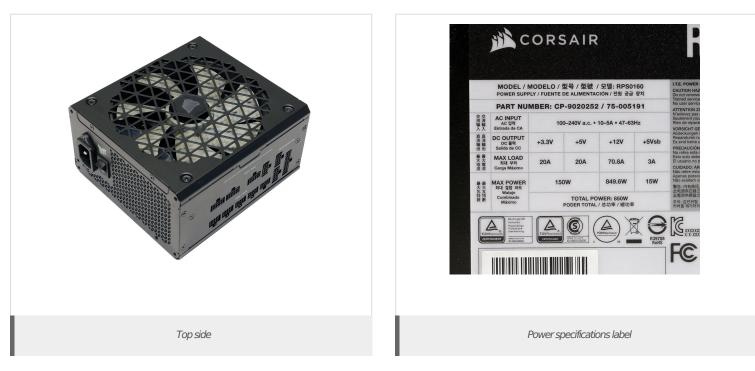
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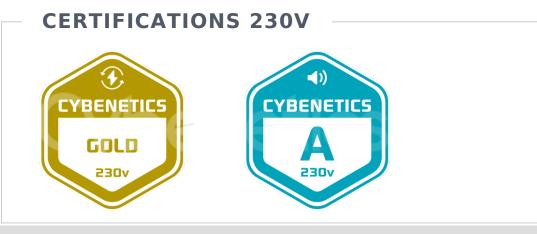
Anex

Corsair RM850x (Shift)



CERTIFICATIONS 115V





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