CORSAIR

Corsair SF600 (ATXv3.1)

Serial Number 2O064092620

Lab ID CR60002618

Certification ID 252618

Test Result Report ID: 24PS2618A

Certificate Issue Date: Oct 25, 2024

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	SF600 (ATXv3.1)
OEM/ODM	Great Wall
Serial Number	2O064092620
Product Specifications	
Manufacturer-Provided Information	
Rated Voltage (Vrms)	100-240

Rated Current (Arms)	5-10
Rated Frequency (Hz)	47-63
Rated Power (W)	600
Operating Temperature (Continuous Full Load) (°C)	
Type	SFX
Cable Design	Fully Modular
Warranty	-
Cybenetics Measurements	
Dimensions (W x H x D)	
Weight	
Cooling	92mm Rifle Bearing Fan (NR092L)
Semi-Passive Operation	✓
Cybenetics Testing Information	
Lab ID	CR60002618
Date of receipt	Oct 11, 2024
Testing Date	Oct 24, 2024
Report Issued Date	Oct 25, 2024
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 (295mm)	1	1	16-20AWG	No
4+4 pin EPS12V (400mm)	1	1	18AWG	No
6+2 pin PCIe (400mm)	2	2	18AWG	No
12+2 pin PCIe (675mm) (600W)	1	1	16-24AWG	No
SATA (100mm+115mm+115mm+115mm)	1	4	18AWG	No

4-pin Molex (100mm+115mm+115mm+115mm)	1	4	18AWG	No
AC Power Cord (1400mm) - C13 coupler	1	1	18AWG	-

Protection Features

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	50	2.5	0.3
	Watts	120		600	12.5	3.6
Total Max. Power (W)		600				

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)	89.242%
Average Noise Output (>1450 Load Combinations)	33.92dBA
Average PF (>1450 Load Combinations)	0.980
Efficiency With 10W (≤500W) or 2% (>500W) Load	62.190%
Standby Power Consumption	0.0594W
Non-Accredited	
12V Ripple (Full Load)	36.60mV
5V Ripple (Full Load)	19.10mV
3.3V Ripple (Full Load)	13.50mV
5VSB Ripple (Full Load)	11.20mV
12V Load Regulation	0.15%
5V Load Regulation	1.22%
3.3V Load Regulation	2.12%
5VSB Load Regulation	1.87%
Inrush Current	32.880A

230V

Accredited	
Average Efficiency (>1450 load combinations)	91.018%
Average Noise Output (>1450 Load Combinations)	33.88dBA
Average PF (>1450 Load Combinations)	0.951
Efficiency With 10W (≤500W) or 2% (>500W) Load	39.096%
Standby Power Consumption	0.0939W
Non-Accredited	
12V Ripple (Full Load)	37.30mV
5V Ripple (Full Load)	19.00mV
3.3V Ripple (Full Load)	13.70mV

5VSB Ripple (Full Load)		11.10mV
12V Load Regulation		0.28%
5V Load Regulation		1.24%
3.3V Load Regulation		2.15%
5VSB Load Regulation		1.83%
Inrush Current		63.740A
12V Transient Response (200%)		11.61V
5V Transient Response (200%)		4.943V
3.3V Transient Response (200%)		3.251V
5VSB Transient Response (200%)		4.967V
Hold-Up Time & PWR_OK Signal		20.00ms
AC Loss to PWR_OK Hold Up Time		17.00ms
PWR_OK Inactive to DC Loss Delay		3.00ms
PSU Timings: T1 (20% / 100%)	60.0ms	60.0ms
PSU Timings: T3 (20% / 100%)	114.0ms	114.0ms
12V OCP (29.6°C / 43.5°C)	66.40A (132.80%), 11.969V	64.00A (128.00%), 11.977V
5V OCP (29.6°C / 43.5°C)	30.4A (152.00%), 5.012V	30.3A (151.50%), 5.011V
3.3V OCP (29.6°C / 43.5°C)	30.9A (154.50%), 3.325V	30.8A (154.00%), 3.321V
5VSB OCP (29.6°C / 43.5°C)	4.1A (164.00%), 5.027V	4.1A (164.00%), 5.021V
OPP (27.53°C / 41.93°C)	130.55%	126.57%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	20
AC Loss to PWR_OK Hold Up Time (ms)	17
PWR_OK Inactive to DC Loss Delay (ms)	3

Stromverbrauch im Ruhezustand

Tables

115V

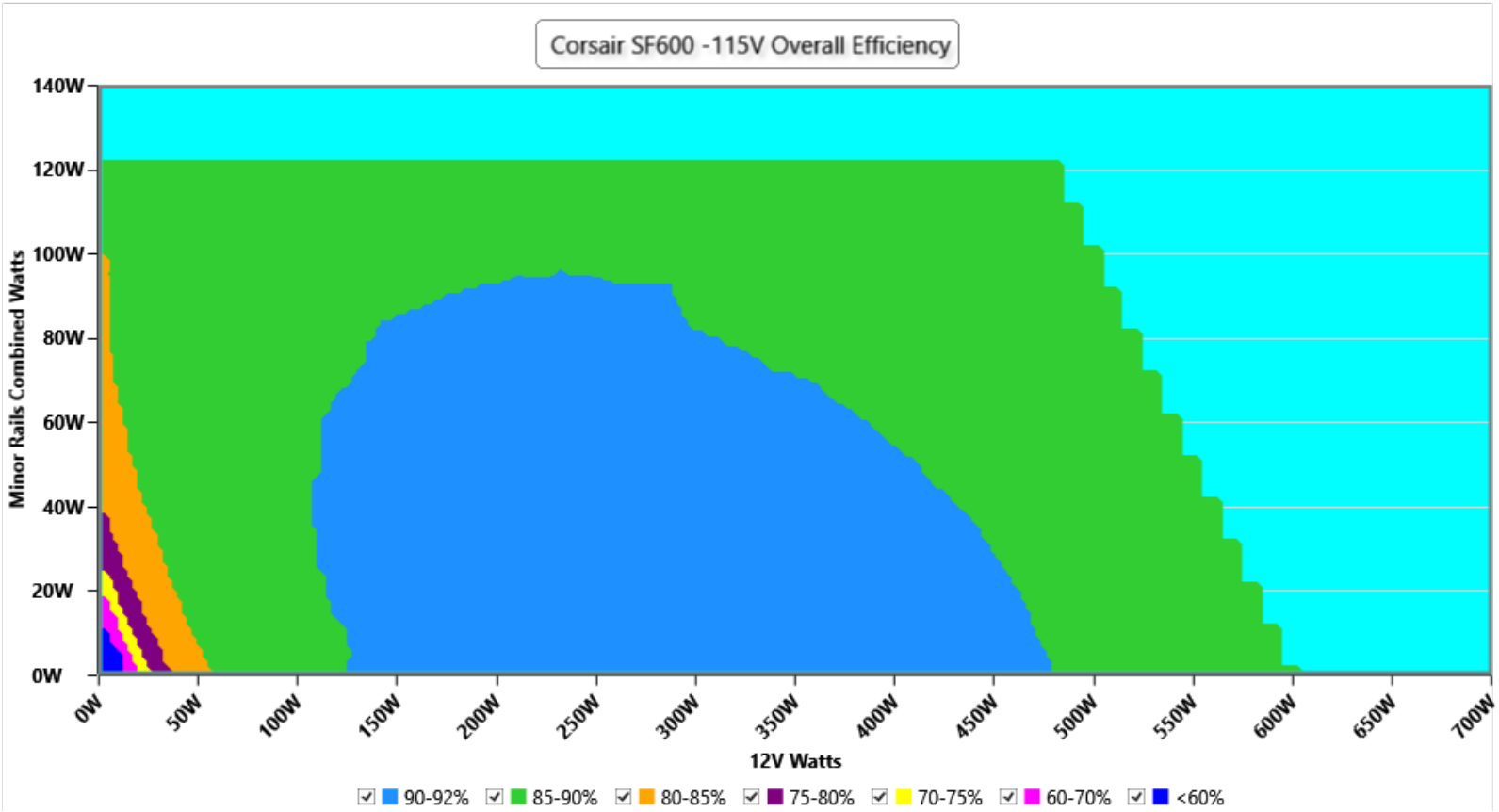
Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.07 V	115.03 V	113.85 V	115.11 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	59.94 Hz	59.40 Hz	60.03 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.416	1.415	1.340	1.418	1.490	PASS
Mains Voltage THD:	0.13 %	0.09 %	N/A	0.18 %	2.00 %	PASS
Real Power:	0.059 W	-0.009 W	N/A	0.101 W	N/A	N/A
Apparent Power:	7.171 W	6.889 W	N/A	7.467 W	N/A	N/A
Power Factor:	0.008	N/A	N/A	N/A	N/A	N/A

230V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	231.01 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 %	0.14 %	N/A	0.27 %	2.00 %	PASS
Real Power:	0.094 W	0.049 W	N/A	0.156 W	N/A	N/A
Apparent Power:	23.300 W	22.900 W	N/A	23.728 W	N/A	N/A
Power Factor:	0.005	N/A	N/A	N/A	N/A	N/A

Efficiency Graph

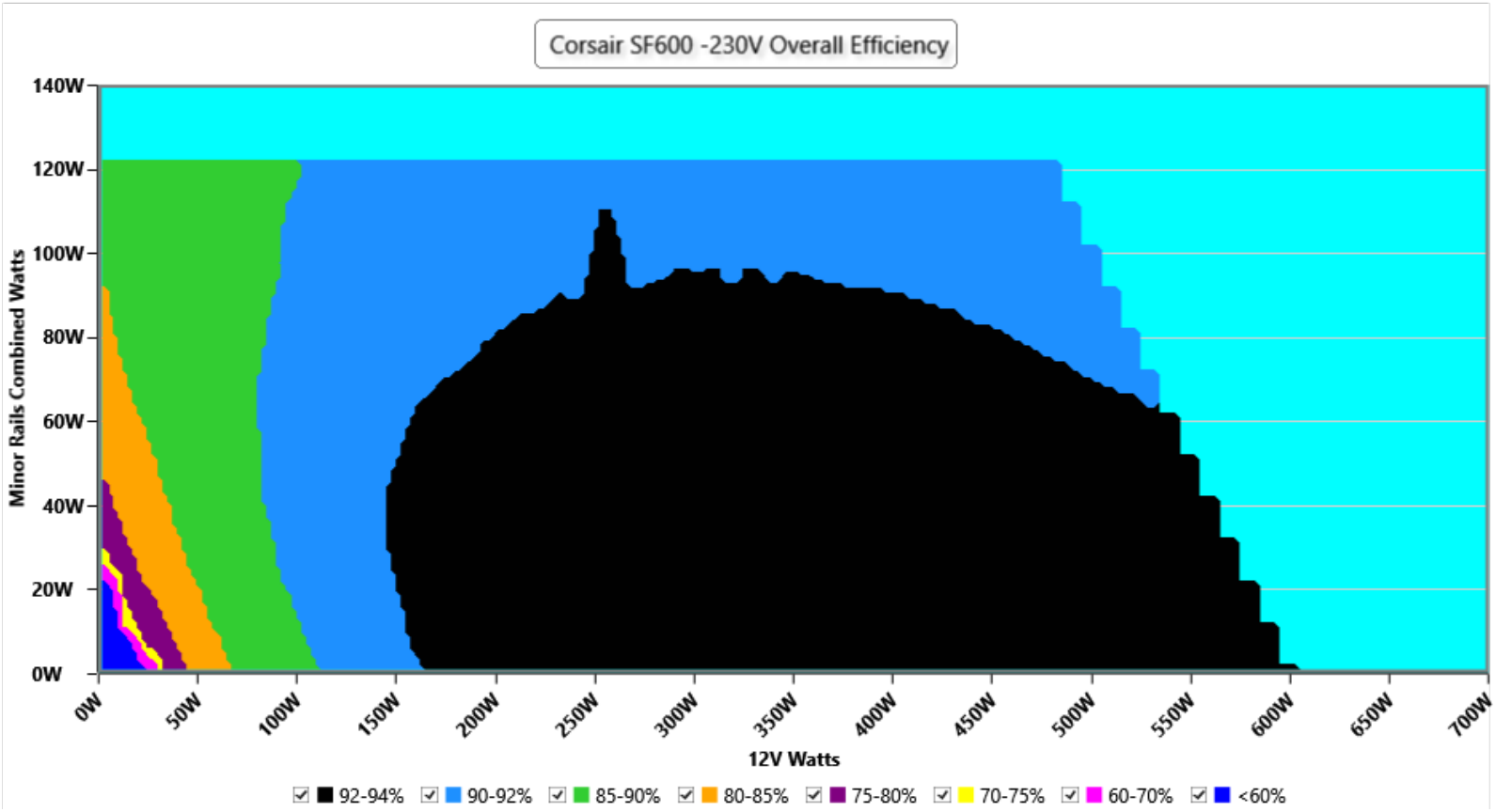
115V



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

230V

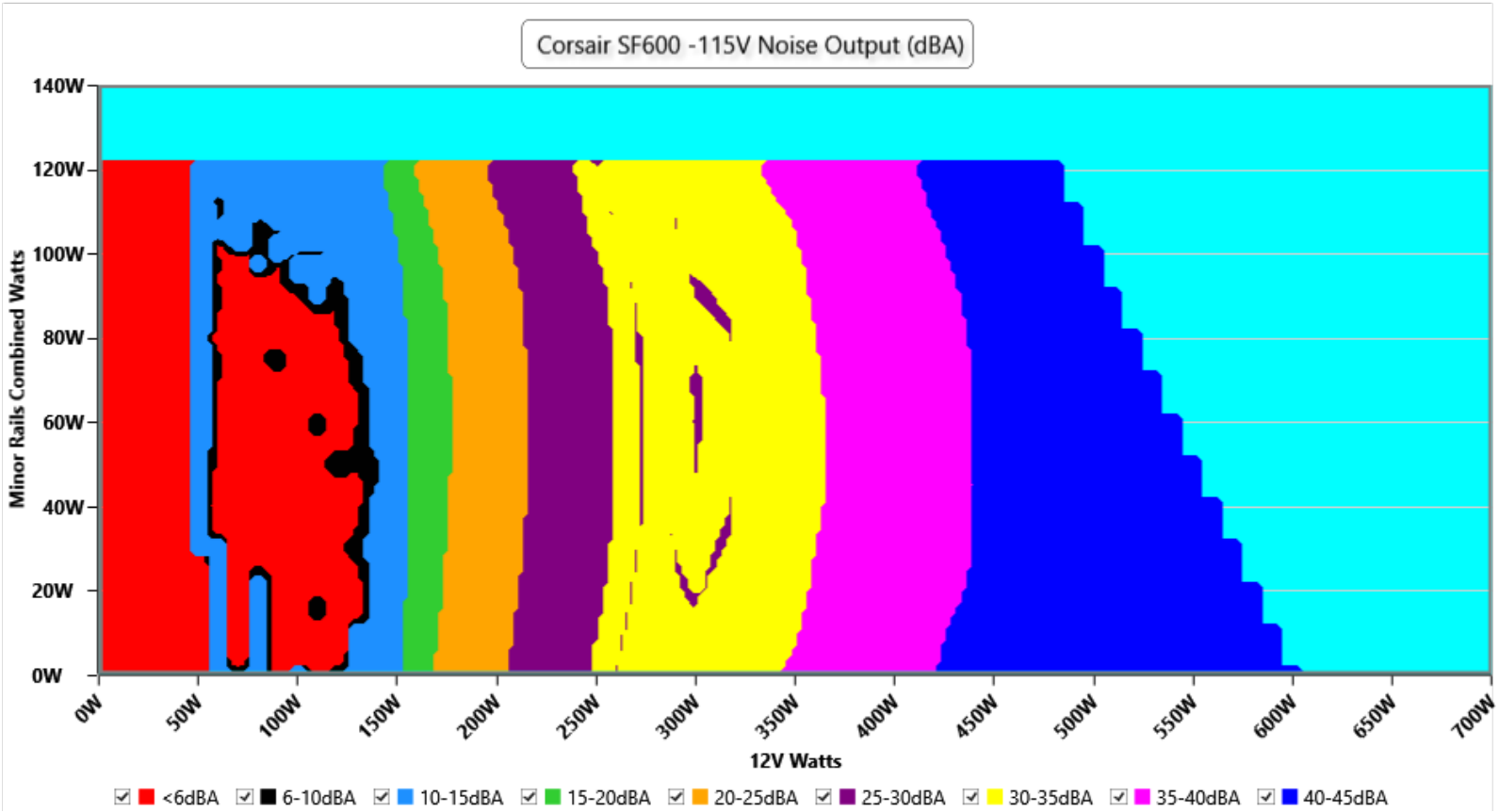


INFO

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

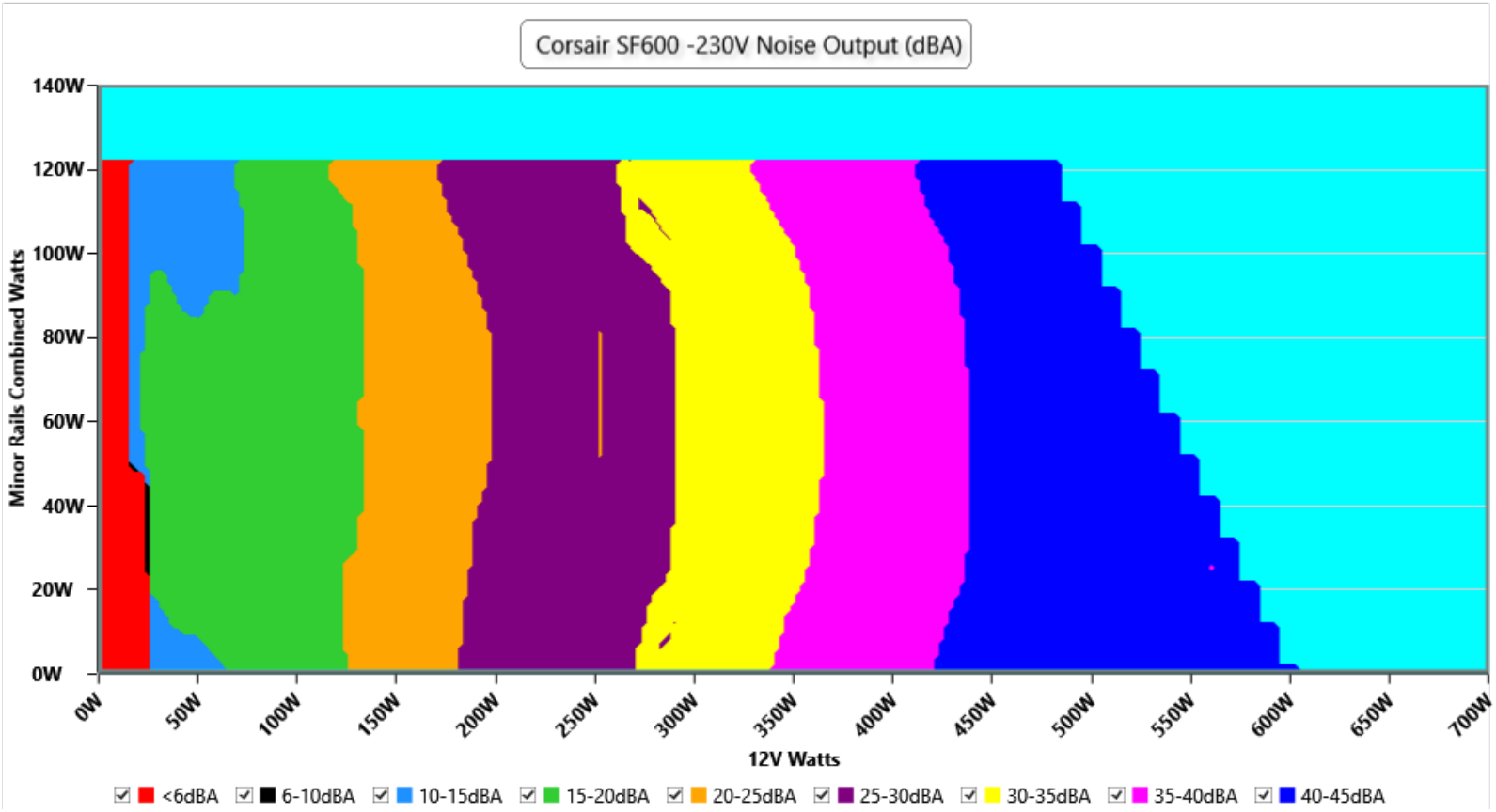
115V



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) · 33.1 °C	1533 RPM · 21.7 dB(A) · 40.3 °C	fan starts (<6.0 → 21.7)
20%	0 RPM · <6.0 dB(A) · 34.1 °C	1787 RPM · 26.4 dB(A) · 40.7 °C	fan starts (<6.0 → 26.4)
50%	1283 RPM · 15.3 dB(A) · 30.8 °C	2819 RPM · 38.7 dB(A) · 42.2 °C	**+23.4 dB(A)**
100%	3328 RPM · 43.2 dB(A) · 30.9 °C	3834 RPM · 46.8 dB(A) · 45.3 °C	**+3.6 dB(A)**

230V

Load	Normal ambient fan · noise · intake	High ambient fan · noise · intake	Noise change
10%	0 RPM · <6.0 dB(A) · 33.4 °C	2413 RPM · 34.5 dB(A) · 40.3 °C	fan starts (<6.0 → 34.5)
20%	1142 RPM · 11.4 dB(A) · 30.9 °C	2284 RPM · 33.1 dB(A) · 40.6 °C	**+21.7 dB(A)**
50%	1551 RPM · 22.6 dB(A) · 30.4 °C	2951 RPM · 39.9 dB(A) · 42.4 °C	**+17.3 dB(A)**
100%	3256 RPM · 42.6 dB(A) · 30.2 °C	3835 RPM · 46.8 dB(A) · 45.1 °C	**+4.2 dB(A)**

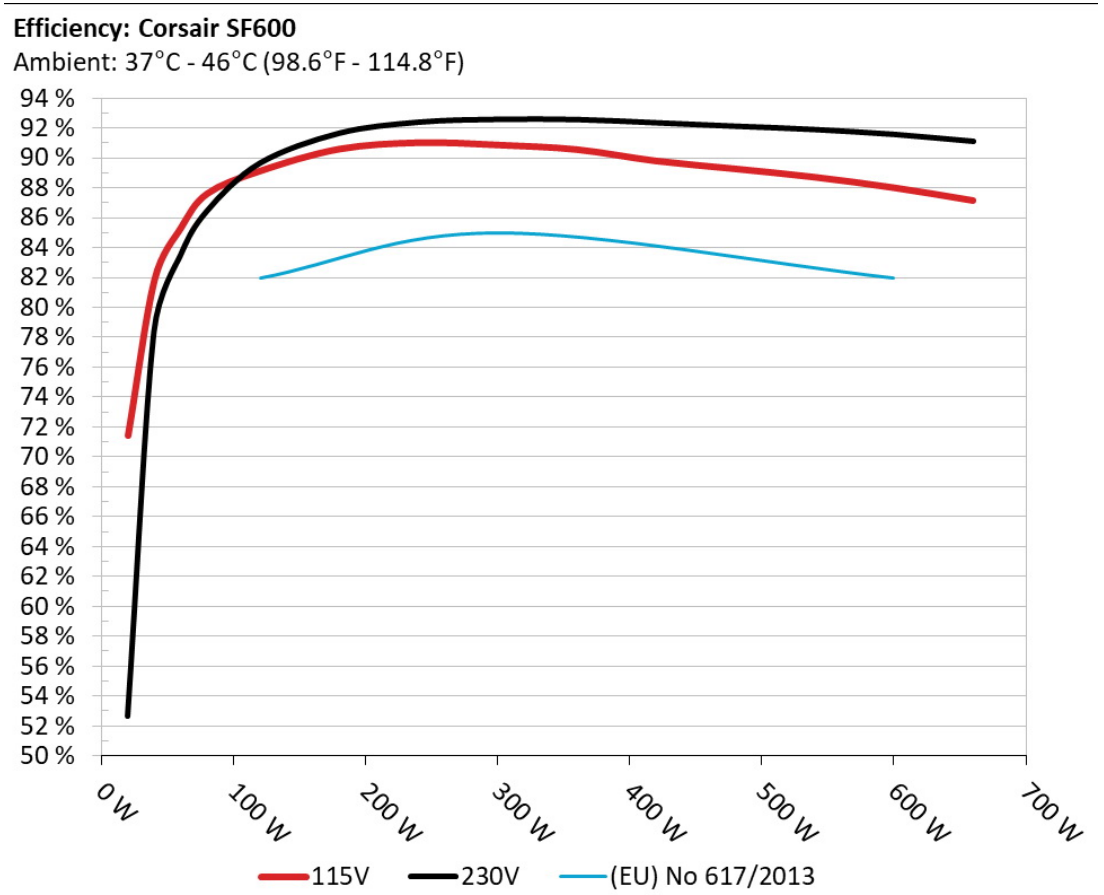
INFO

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

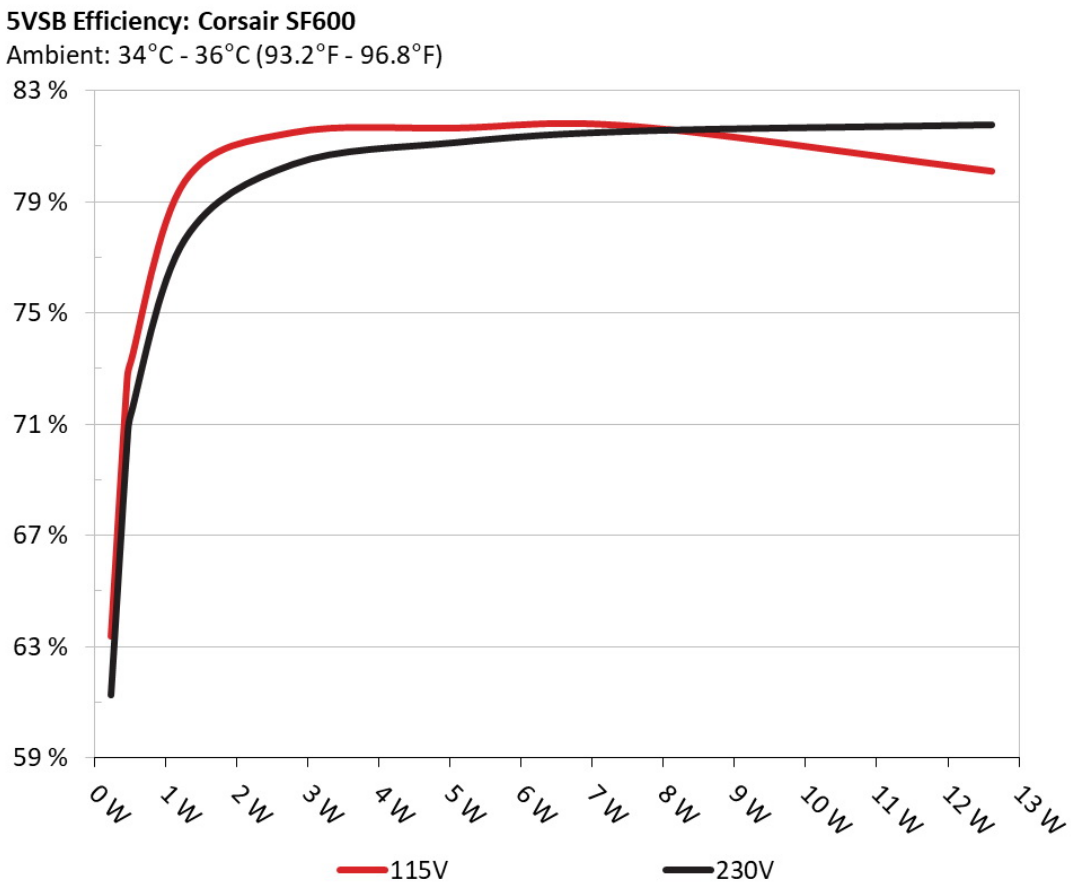
Efficiency under high ambient temperature



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**	0.229W	63.377%	0.053
	5.078V	0.361W		115.19V
2	**0.09A**	0.457W	72.649%	0.09
	5.078V	0.629W		115.18V
3	**0.55A**	2.791W	81.512%	0.323
	5.073V	3.424W		115.18V
4	**1A**	5.069W	81.671%	0.406
	5.067V	6.207W		115.18V
5	**1.5A**	7.594W	81.731%	0.444
	5.061V	9.291W		115.18V
6	**2.501A**	12.624W	80.118%	0.486
	5.048V	15.757W		115.17V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	**0.045A**	0.229W	61.273%	0.017
	5.078V	0.374W		230.43V
2	**0.09A**	0.457W	70.387%	0.029
	5.077V	0.65W		230.43V
3	**0.55A**	2.791W	80.368%	0.14
	5.073V	3.473W		230.43V
4	**1A**	5.069W	81.147%	0.221
	5.067V	6.247W		230.43V
5	**1.5A**	7.593W	81.558%	0.282
	5.061V	9.31W		230.43V
6	**2.501A**	12.623W	81.785%	0.349
	5.048V	15.436W		230.43V

Protection Features

OCP (Normal @ 29.6°C)	12V: 66.4A (132.8%), 11.969V 5V: 30.4A (152%), 5.012V 3.3V: 30.9A (154.5%), 3.325V 5VSB: 4.1A (164%), 5.027V
OCP (Hot @ 43.5°C)	12V: 64A (128%), 11.977V 5V: 30.3A (151.5%), 5.011V 3.3V: 30.8A (154%), 3.321V 5VSB: 4.1A (164%), 5.021V
OPP (Normal @ 27.5°C)	783.32W (130.55%)
OPP (Hot @ 41.9°C)	759.42W (126.57%))
OTP	✓ (165°C @ Heat Sink)
SCP	12V to Earth: ✓ 5V to Earth: ✓ 3.3V to Earth: ✓ 5VSB to Earth: ✓ -12V to Earth: ✓
PWR_OK	Proper Operation
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%	**3.200A**	**1.984A**	**1.964A**	**0.989A**	60.013	84.5%	1533	21.7	40.34°C	0.971
	12.002V	5.043V	3.362V	5.055V	71.02				41.25°C	115.15V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
20%	**7.422A**	**2.979A**	**2.952A**	**1.189A**	119.968	89.156%	1787	26.4	40.7°C	0.974
	12.000V	5.037V	3.354V	5.046V	134.56				41.8°C	115.13V
30%	**11.999A**	**3.479A**	**3.45A**	**1.39A**	180.013	90.627%	2110	31	41.34°C	0.972
	11.998V	5.031V	3.348V	5.038V	198.633				42.58°C	115.11V
40%	**16.576A**	**3.981A**	**3.951A**	**1.591A**	240.061	91.054%	2475	35.5	41.72°C	0.976
	11.996V	5.026V	3.342V	5.029V	263.648				44.02°C	115.09V
50%	**20.803A**	**4.982A**	**4.949A**	**1.793A**	300.025	90.905%	2819	38.7	42.22°C	0.98
	11.994V	5.019V	3.334V	5.02V	330.045				43.9°C	115.07V
60%	**25.038A**	**5.987A**	**5.953A**	**1.996A**	360.069	90.594%	3137	41.7	42.79°C	0.983
	11.992V	5.013V	3.327V	5.011V	397.452				44.28°C	115.05V
70%	**29.248A**	**6.994A**	**6.961A**	**2.2A**	419.814	89.836%	3594	45.3	43.21°C	0.986
	11.990V	5.006V	3.319V	5.002V	467.313				45°C	115.03V
80%	**33.525A**	**8.003A**	**7.973A**	**2.303A**	479.815	89.304%	3834	46.8	43.73°C	0.988
	11.988V	4.999V	3.311V	4.994V	537.283				46.17°C	115.02V
90%	**38.136A**	**8.513A**	**8.472A**	**2.407A**	539.635	88.751%	3825	45.5	44.8°C	0.99
	11.986V	4.994V	3.305V	4.986V	608.031				47.21°C	115V
100%	**42.815A**	**9.023A**	**9.004A**	**2.512A**	600.371	88.036%	3834	46.8	45.25°C	0.991
	11.986V	4.989V	3.299V	4.978V	681.958				48.11°C	114.98V
110%	**47.096A**	**10.038A**	**10.119A**	**2.515A**	660.196	87.178%	3841	46.9	46.4°C	0.992
	11.984V	4.982V	3.291V	4.971V	757.297				49.71°C	114.96V
CL1	**0.117A**	**14.402A**	**14.317A**	**0A**	121.316	84.18%	3206	42.1	41.45°C	0.976
	12.001V	5.014V	3.332V	5.048V	144.115				43.17°C	115.13V
CL2	**0.117A**	**19.909A**	**0A**	**0A**	101.404	83.576%	2790	38.6	40.18°C	0.972
	12.002V	5.023V	3.354V	5.06V	121.332				41.59°C	115.15V
CL3	**0.117A**	**0A**	**19.777A**	**0A**	67.403	78.24%	2531	36.2	40.53°C	0.965
	11.999V	5.032V	3.337V	5.055V	86.148				41.33°C	115.15V
CL4	**50.085A**	**0A**	**0A**	**0A**	600.308	89.056%	3855	47	45.13°C	0.99
	11.986V	5.01V	3.32V	5.024V	674.082				47.43°C	114.99V

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%	**3.201A**	**1.984A**	**1.964A**	**0.99A**	60.02	82.662%	2413	34.5	40.32°C	0.857
	12.000V	5.043V	3.361V	5.055V	72.614				41.22°C	230.43V
20%	**7.421A**	**2.98A**	**2.953A**	**1.19A**	119.988	89.649%	2284	33.1	40.61°C	0.917
	12.003V	5.036V	3.354V	5.046V	133.841				41.66°C	230.43V
30%	**11.999A**	**3.48A**	**3.451A**	**1.39A**	180.04	91.658%	2385	34.2	41.04°C	0.94
	12.000V	5.031V	3.347V	5.037V	196.426				42.33°C	230.42V
40%	**16.578A**	**3.982A**	**3.952A**	**1.591A**	240.096	92.4%	2623	37.3	41.7°C	0.952
	11.996V	5.025V	3.341V	5.029V	259.845				42.77°C	230.41V
50%	**20.806A**	**4.984A**	**4.951A**	**1.794A**	300.063	92.592%	2951	39.9	42.39°C	0.96
	11.994V	5.019V	3.334V	5.02V	324.071				43.63°C	230.41V
60%	**25.041A**	**5.988A**	**5.955A**	**1.996A**	360.109	92.579%	3241	42.5	42.72°C	0.964
	11.992V	5.012V	3.326V	5.011V	388.979				44.09°C	230.4V
70%	**29.258A**	**6.996A**	**6.963A**	**2.2A**	419.909	92.363%	3558	44.9	43.2°C	0.969
	11.989V	5.005V	3.319V	5.002V	454.633				44.75°C	230.39V
80%	**33.535A**	**8.004A**	**7.975A**	**2.304A**	479.903	92.131%	3835	46.8	43.75°C	0.972
	11.987V	4.999V	3.311V	4.994V	520.894				45.44°C	230.38V
90%	**38.143A**	**8.514A**	**8.474A**	**2.407A**	539.678	91.909%	3836	46.8	44.92°C	0.974
	11.985V	4.993V	3.305V	4.987V	587.188				46.82°C	230.36V
100%	**42.818A**	**9.024A**	**9.005A**	**2.511A**	600.357	91.583%	3835	46.8	45.09°C	0.976
	11.984V	4.988V	3.298V	4.979V	655.53				47.34°C	230.33V
110%	**47.090A**	**10.037A**	**10.118A**	**2.515A**	660.135	91.12%	3835	46.8	46.28°C	0.978
	11.984V	4.982V	3.291V	4.971V	724.466				49.2°C	230.3V
CL1	**0.117A**	**14.401A**	**14.316A**	**0A**	121.31	84.912%	3620	45.4	41.95°C	0.924
	12.004V	5.014V	3.332V	5.048V	142.865				44.29°C	230.37V
CL2	**0.117A**	**19.909A**	**0A**	**0A**	101.401	83.917%	3142	41.8	40.6°C	0.91
	12.007V	5.023V	3.354V	5.06V	120.837				42.18°C	230.37V
CL3	**0.117A**	**0A**	**19.78A**	**0A**	67.397	77.15%	2968	40	40.59°C	0.882
	11.996V	5.031V	3.337V	5.055V	87.359				41.77°C	230.38V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
CL4	**50.074A**	**0A**	**0A**	**0A**	600.21	92.431%	3854	47	45.24°C	0.975
	11.986V	5.01V	3.32V	5.024V	649.363				47.2°C	230.31V

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	**1.238A**	**0.495A**	**0.49A**	**0.197A**	20.009	71.404%	0	<6.0	43.05°C	0.928
	12.002V	5.05V	3.369V	5.071V	28.022				36.85°C	115.16V
40W	**2.724A**	**0.693A**	**0.686A**	**0.296A**	40.007	81.855%	0	<6.0	43.14°C	0.947
	12.003V	5.049V	3.367V	5.068V	48.876				37.18°C	115.16V
60W	**4.210A**	**0.892A**	**0.883A**	**0.395A**	60.006	85.337%	1310	16.3	38.12°C	0.971
	12.002V	5.046V	3.365V	5.064V	70.316				39.54°C	115.15V
80W	**5.694A**	**1.091A**	**1.08A**	**0.494A**	79.972	87.637%	1423	20.7	39.25°C	0.963
	12.002V	5.044V	3.362V	5.061V	91.254				40.42°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	**1.236A**	**0.495A**	**0.49A**	**0.197A**	20.014	52.62%	1651	24.3	36.84°C	0.741
	12.018V	5.05V	3.369V	5.07V	38.027				37.81°C	230.43V
40W	**2.724A**	**0.694A**	**0.686A**	**0.296A**	40.012	78.4%	1933	29.1	37.76°C	0.802
	12.001V	5.047V	3.366V	5.067V	51.036				38.91°C	230.43V
60W	**4.212A**	**0.892A**	**0.883A**	**0.395A**	60.011	83.484%	2077	30.2	38.02°C	0.856
	11.999V	5.045V	3.364V	5.064V	71.886				38.93°C	230.43V
80W	**5.697A**	**1.091A**	**1.08A**	**0.494A**	79.989	86.447%	2174	32	39.2°C	0.887
	11.998V	5.043V	3.362V	5.061V	92.53				40.13°C	230.43V

The results above are not used in the certification process

Ripple Measurements

115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	10.5 mV	7.7 mV	5.6 mV	7.7 mV	Pass
20% Load	13.2 mV	8.9 mV	5.4 mV	8.1 mV	Pass
30% Load	13.9 mV	9.5 mV	6.3 mV	7.7 mV	Pass
40% Load	17.6 mV	10.5 mV	6.9 mV	8.2 mV	Pass
50% Load	20.2 mV	10.6 mV	6.7 mV	8.5 mV	Pass
60% Load	23.0 mV	10.2 mV	7.0 mV	8.7 mV	Pass
70% Load	24.9 mV	11.5 mV	7.5 mV	9.0 mV	Pass
80% Load	25.5 mV	15.0 mV	10.1 mV	10.5 mV	Pass
90% Load	27.2 mV	17.2 mV	11.9 mV	9.9 mV	Pass
100% Load	36.6 mV	19.1 mV	13.5 mV	11.2 mV	Pass
110% Load	39.1 mV	20.2 mV	14.9 mV	12.0 mV	Pass
Crossload 1	24.8 mV	14.2 mV	12.7 mV	10.7 mV	Pass
Crossload 2	22.6 mV	17.8 mV	6.7 mV	10.2 mV	Pass
Crossload 3	19.2 mV	11.8 mV	14.5 mV	10.2 mV	Pass
Crossload 4	34.9 mV	16.8 mV	11.0 mV	13.7 mV	Pass

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	11.2 mV	8.0 mV	5.4 mV	8.0 mV	Pass
20% Load	34.9 mV	8.1 mV	5.9 mV	7.9 mV	Pass
30% Load	21.0 mV	8.6 mV	5.7 mV	8.2 mV	Pass
40% Load	19.2 mV	8.6 mV	6.2 mV	8.6 mV	Pass
50% Load	20.4 mV	9.2 mV	6.5 mV	8.9 mV	Pass
60% Load	22.0 mV	9.9 mV	7.0 mV	8.8 mV	Pass

Test	12V	5V	3.3V	5VSB	Pass/Fail
70% Load	23.8 mV	13.0 mV	7.3 mV	9.2 mV	Pass
80% Load	25.9 mV	15.0 mV	10.9 mV	9.5 mV	Pass
90% Load	27.6 mV	16.4 mV	12.0 mV	10.5 mV	Pass
100% Load	37.3 mV	19.0 mV	13.7 mV	11.1 mV	Pass
110% Load	40.1 mV	20.8 mV	14.8 mV	11.6 mV	Pass
Crossload 1	41.1 mV	14.0 mV	12.5 mV	11.1 mV	Pass
Crossload 2	36.5 mV	18.1 mV	7.4 mV	10.1 mV	Pass
Crossload 3	21.6 mV	11.5 mV	14.8 mV	10.2 mV	Pass
Crossload 4	35.6 mV	17.2 mV	10.6 mV	12.8 mV	Pass

The results above are not used in the certification process

Corsair SF600 (ATXv3.1)



Top side



Power specifications label