Corsair SF1000 Platinum (ATX v3.1)

Serial Number A2MGD413A773B7

Lab ID CR10002505

Certification ID 252505

Test Result Report ID: 24PS2505A

Certificate Issue Date: Jul 19, 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	SF1000 Platinum (ATX v3.1)
OEM/ODM	Great Wall
Serial Number	A2MGD413A773B7
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	SFX
Cable Design	Fully Modular
Warranty	-
Cybenetics Measurements	
Dimensions (W x H x D)	
Weight	
Cooling	92mm Fluid Dynamic Bearing Fan (NR092P)
Semi-Passive Operation	✓
Cybenetics Testing Information	
Lab ID	CR10002505
Date of receipt	Jul 4, 2024
Testing Date	Jul 18, 2024
Report Issued Date	Jul 19, 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 24 pin (300mm)	1	1	16-22AWG	No
4+4 pin EPS12V (400mm)	2	2	16AWG	No
6+2 pin PCIe (400mm)	4	4	16AWG	No
12+2 pin PCIe (410mm) (600W)	1	1	16-24AWG	No
SATA (110mm+110mm+110mm+110mm)	2	8	18AWG	No
4-pin Molex (100mm+115mm+115mm)	1	3	18AWG	No
AC Power Cord (1350mm) - C13 coupler	1	1	16AWG	-

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
	Watts	130		1000	15	0
Total Max. Power (W)		1000				

Parts Description

General Data	
Manufacturer (OEM)	Great Wall
PCB Type	Double-Sided
Primary Side	
Transient Filter	2x Y caps, 2x X caps, 2x CM chokes, 1x MOV
Inrush Protection	1x NTC Thermistor SCK-056 (5 Ohm) & Relay
Bridge Rectifier(s)	2x Vishay GBUE2560 (600V, 25A @ 140°C)
APFC MOSFETs	2x ST STP50N60DM6 (600V, 23A @ 100°C, Rds(on): 0.008Ohm) & 1x Champion CM03X (reduce the no-load consumption)
APFC Boost Diode	1x CREE C3D16065 (650V, 16A @ 150°C)
Bulk Cap(s)	1x Rubycon (420V, 740uF, 3,000h @ 105°C, MXK)
Main Switchers	2x Infineon IPA60R060C7 (600V, 10A @ 100°C, Rds(on): 0.060Ohm)
APFC Controller	Champion CM6502UHHX
Resonant Controller	Champion CM6901X
IC Driver	1x Novosense NSi6602BD

Topology	Primary side: APFC, Half-Bridge & LLC converter Secondary side: Synchronous Rectification & DC-DC converters
Secondary Side	
+12V MOSFETs	8x Infineon BSC014N04LS (40V, 125A @ 100°C, Rds(on): 1.4mOhm)
5V & 3.3V	DC-DC Converters: 4x Advanced Power AP4024GEMT (30V, 60A, Rds(on): 4.5mOhm) PWM Controller(s): ANPEC APW7159C
Filtering Capacitors	Electrolytic: 2x Rubycon (3-6,000h @ 105°C, YXG) Polymer: 3x United Chemi-Con, 43x FPCAP
Supervisor IC	IN1S429I-SCG (OCP,OVP, UVP, SCP, PG)
Fan Controller	Microchip PIC16F1824
Fan Model	Corsair NR092P (92mm, 12V, 0.22A, Fluid Dynamic Bearing Fan)
5VSB Circuit	
Rectifier	1x Infineon ICE5QR1680AG (800V, 5.8A, Rds(on): 1.75Ohm) & 1x Diotec Semiconductor US1M (1000V, 30A)
Standby PWM Controller	Infineon ICE5QR1680AG

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)	90.639%
Average Noise Output (>1450 Load Combinations)	26.53dBA
Average PF (>1450 Load Combinations)	0.984

Efficiency With 10W (≤500W) or 2% (>500W) Load	73.744%
Standby Power Consumption	0.0452W
Non-Accredited	
12V Ripple (Full Load)	31.46mV
5V Ripple (Full Load)	17.80mV
3.3V Ripple (Full Load)	17.96mV
5VSB Ripple (Full Load)	14.72mV
12V Load Regulation	0.10%
5V Load Regulation	0.32%
3.3V Load Regulation	0.36%
5VSB Load Regulation	1.81%
Inrush Current	32.710A

230V

Accredited	
Average Efficiency (>1450 load combinations)	92.473%
Average Noise Output (>1450 Load Combinations)	24.97dBA
Average PF (>1450 Load Combinations)	0.944
Efficiency With 10W (≤500W) or 2% (>500W) Load	73.851%
Standby Power Consumption	0.1073W
Non-Accredited	
12V Ripple (Full Load)	32.67mV
5V Ripple (Full Load)	18.01mV
3.3V Ripple (Full Load)	17.57mV
5VSB Ripple (Full Load)	16.27mV
12V Load Regulation	0.21%
5V Load Regulation	0.30%
3.3V Load Regulation	0.33%
5VSB Load Regulation	1.83%
Inrush Current	70.750A
12V Transient Response (200%)	11.76V
5V Transient Response (200%)	4.866V

3.3V Transient Response (200%)		3.195V
5VSB Transient Response (200%)		4.894V
Hold-Up Time & PWR_OK Signal		19.50ms
AC Loss to PWR_OK Hold Up Time		18.50ms
PWR_OK Inactive to DC Loss Delay		1.00ms
PSU Timings: T1 (20% / 100%)	51.0ms	50.0ms
PSU Timings: T3 (20% / 100%)	129.0ms	129.0ms
12V OCP (28.6°C / 39.2°C)	107.20A (128.69%), 12.227V	107.80A (129.41%), 12.235V
5V OCP (28.6°C / 39.2°C)	32.1A (160.50%), 4.94V	31.8A (159.00%), 4.941V
3.3V OCP (28.6°C / 39.2°C)	32A (160.00%), 3.313V	31.8A (159.00%), 3.32V
5VSB OCP (28.6°C / 39.2°C)	4.9A (163.33%), 5.002V	4.9A (163.33%), 5V
OPP (29.08°C / 41.66°C)	131.21%	131.81%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	19.5
AC Loss to PWR_OK Hold Up Time (ms)	18.5
PWR_OK Inactive to DC Loss Delay (ms)	1

Tables

115V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.08 V	115.04 V	113.85 V	115.12 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	0.17 %	2.00 %	PASS
Real Power:	0.045 W	0.010 W	N/A	0.079 W	N/A	N/A

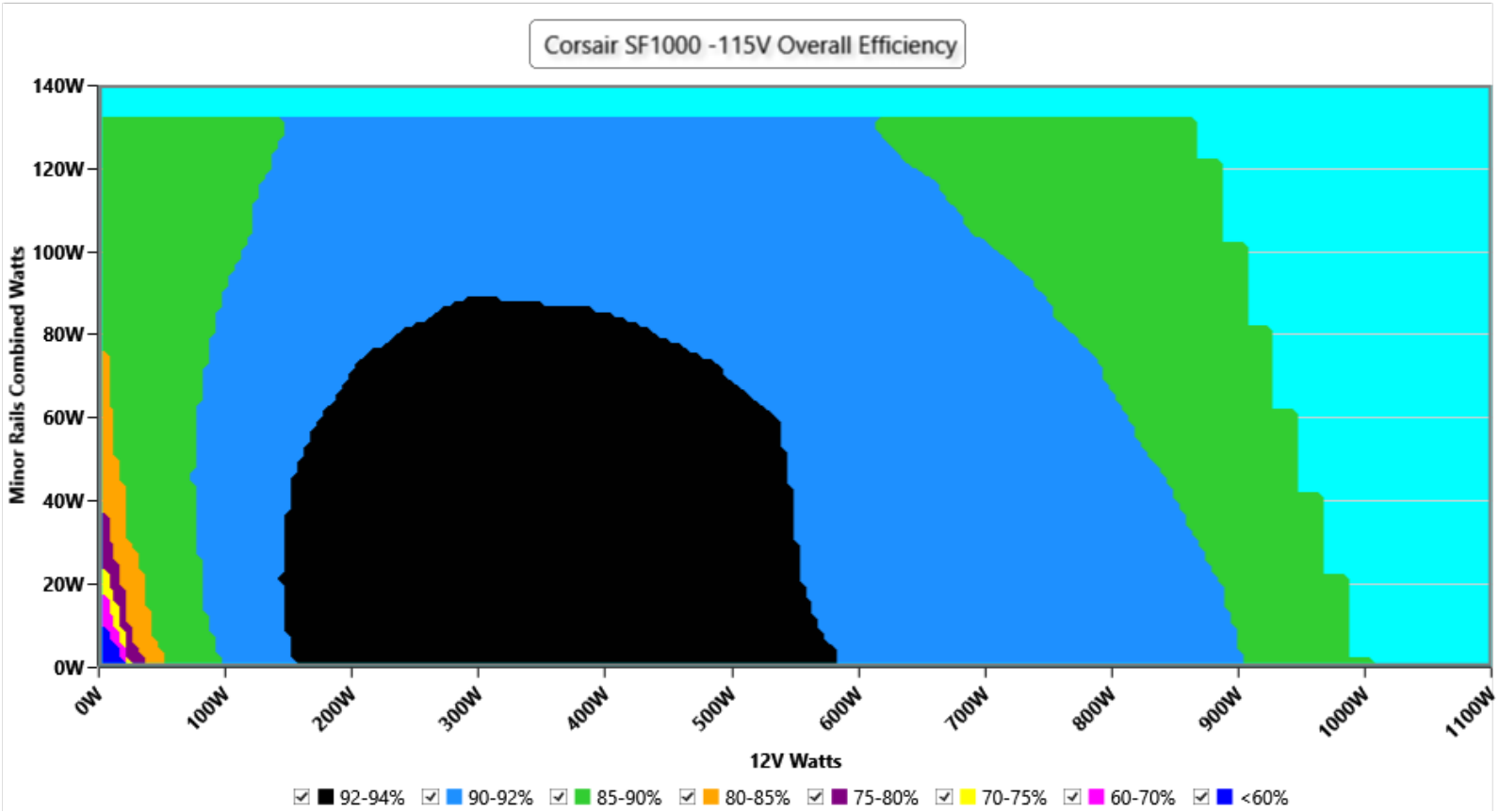
Apparent Power:	10.318 W	10.036 W	N/A	10.613 W	N/A	N/A
Power Factor:	0.006	N/A	N/A	N/A	N/A	N/A

230V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	231.04 V	230.93 V	227.70 V	231.10 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	1.417	1.340	1.419	1.490	PASS
Mains Voltage THD:	0.17 %	0.15 %	N/A	0.27 %	2.00 %	PASS
Real Power:	0.107 W	0.083 W	N/A	0.153 W	N/A	N/A
Apparent Power:	34.717 W	34.163 W	N/A	35.339 W	N/A	N/A
Power Factor:	0.003	N/A	N/A	N/A	N/A	N/A

Efficiency Graph

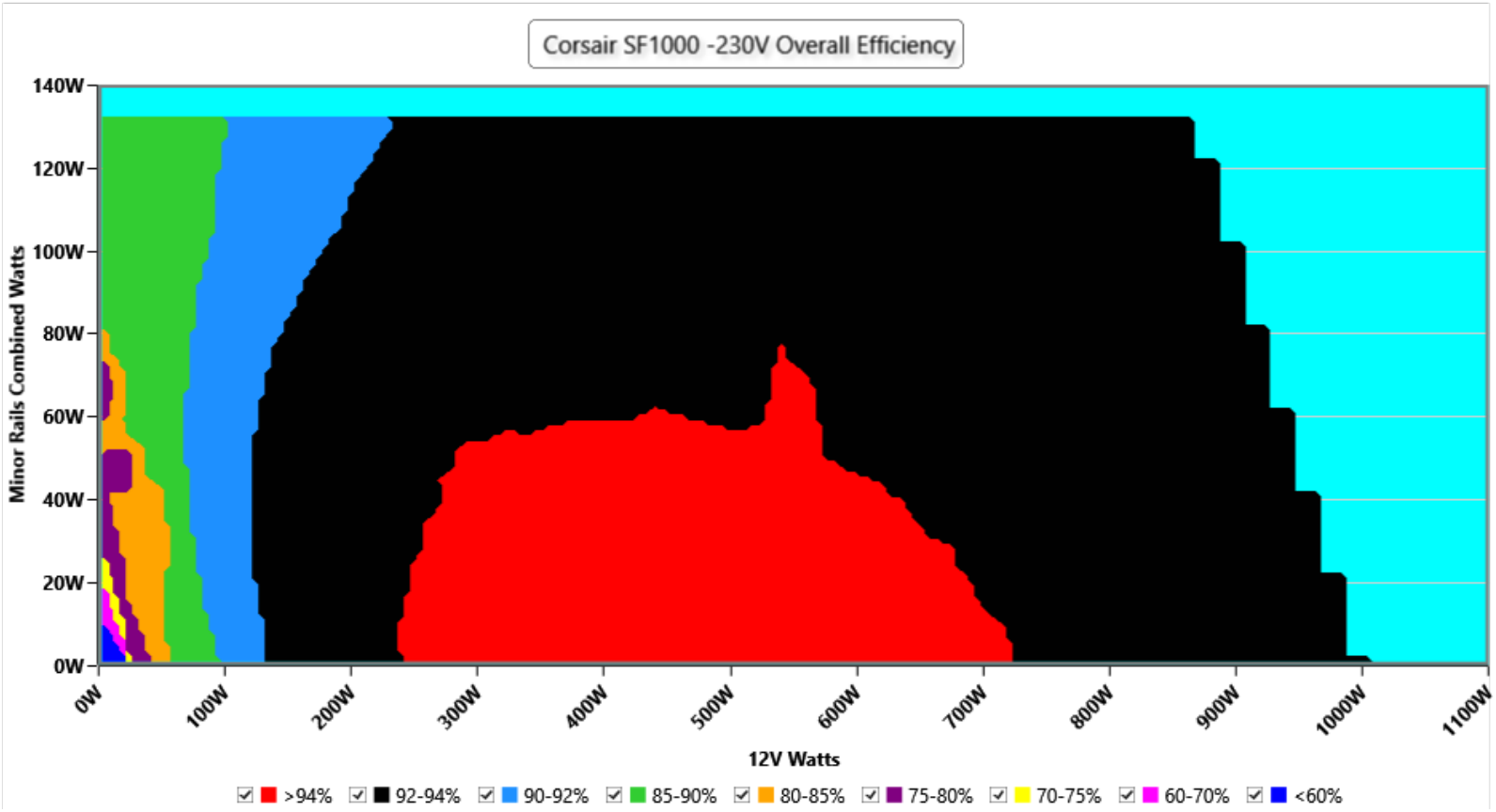
115V



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

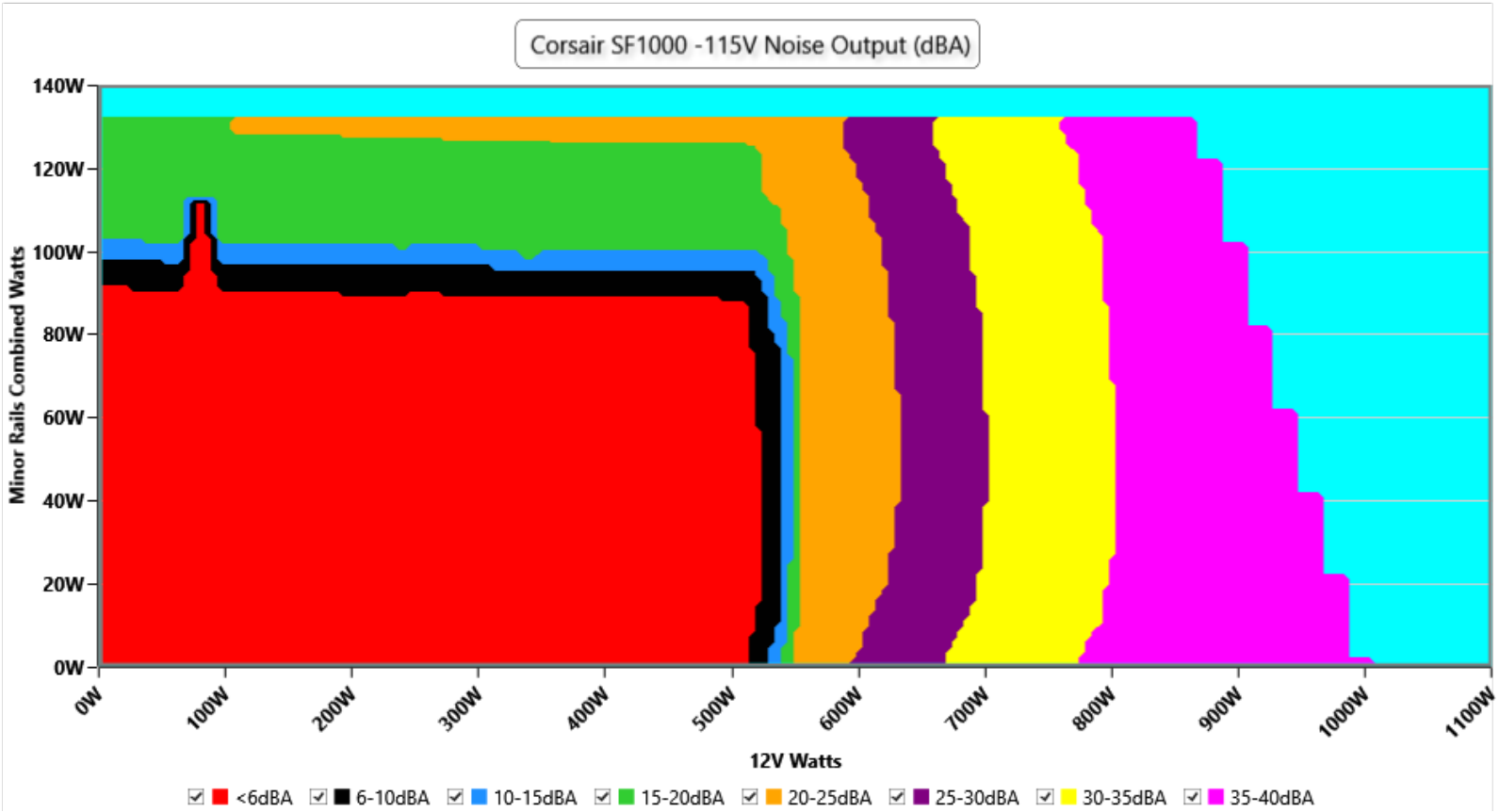


INFO

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

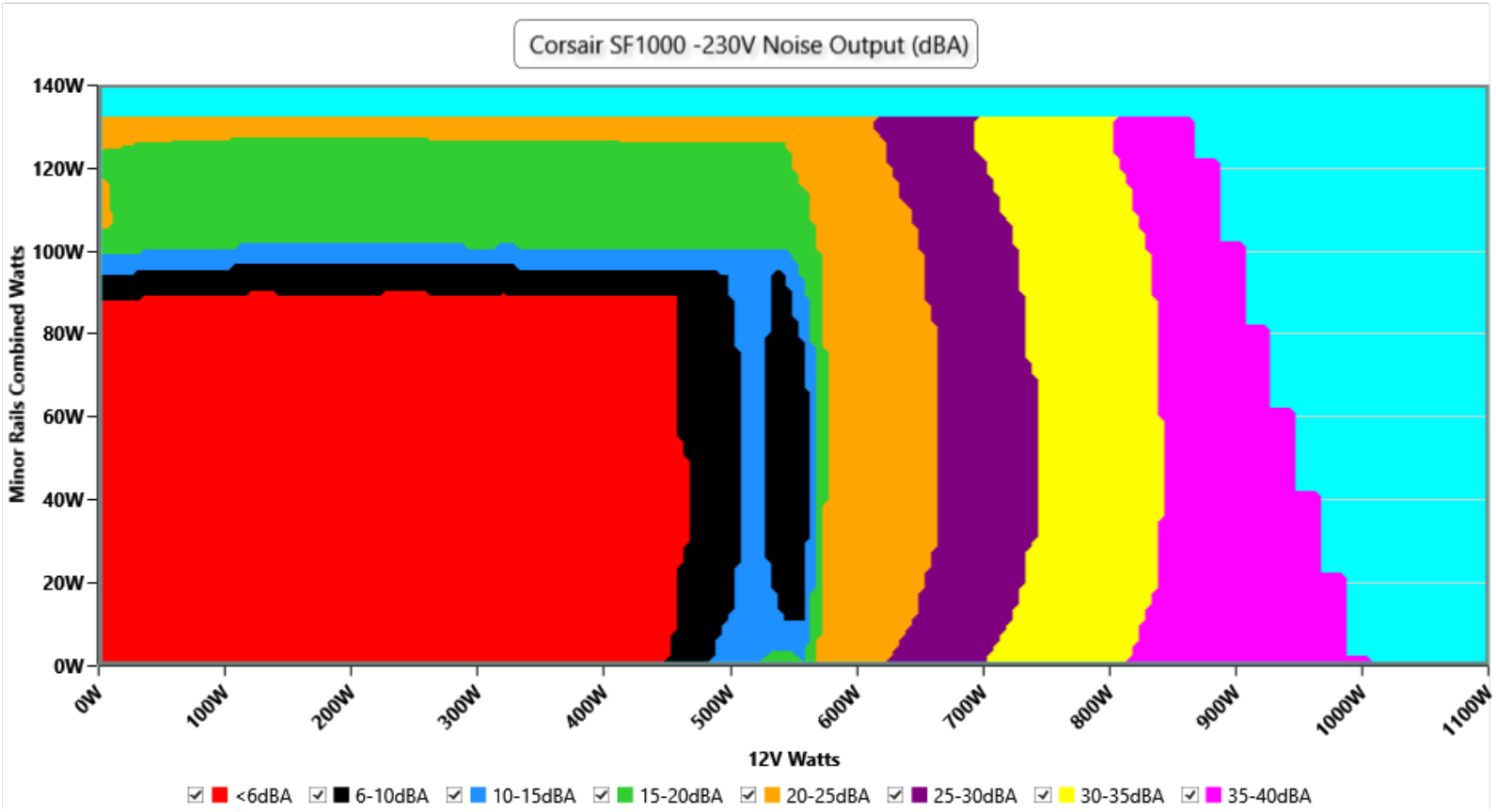
115V



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

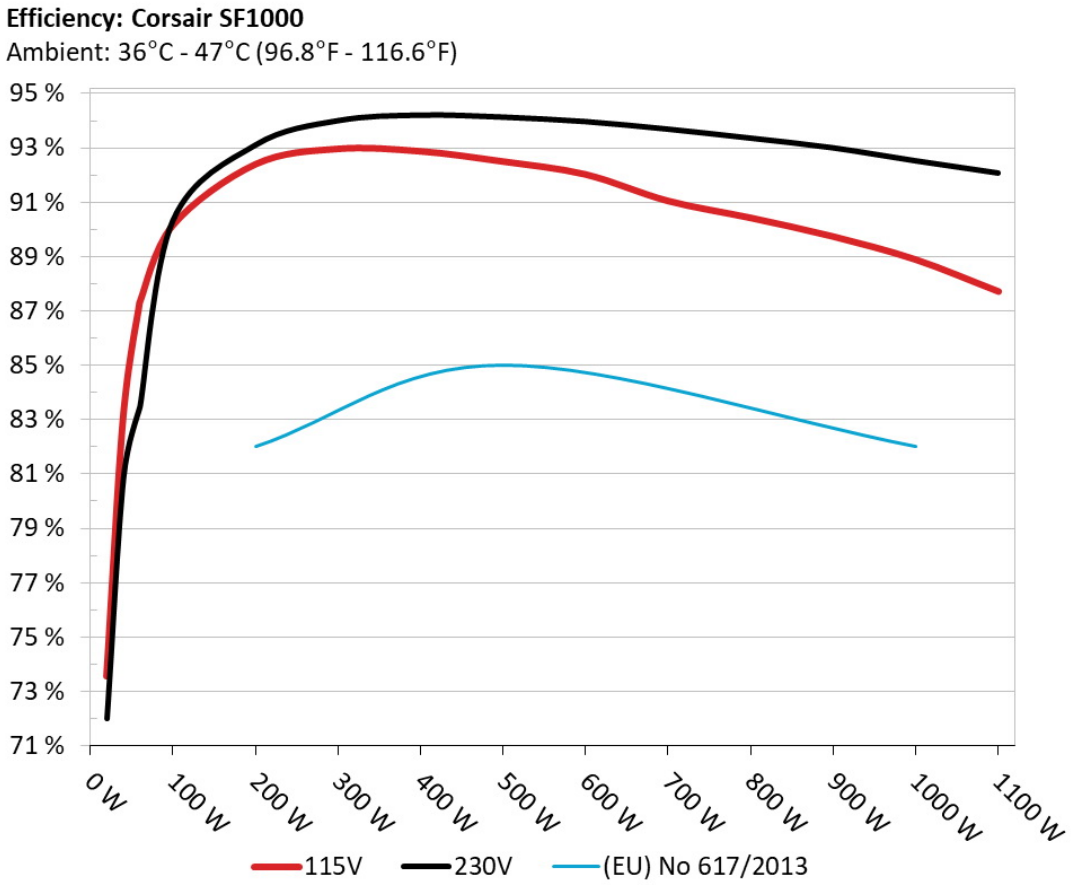


INFO

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

Indicative Performance

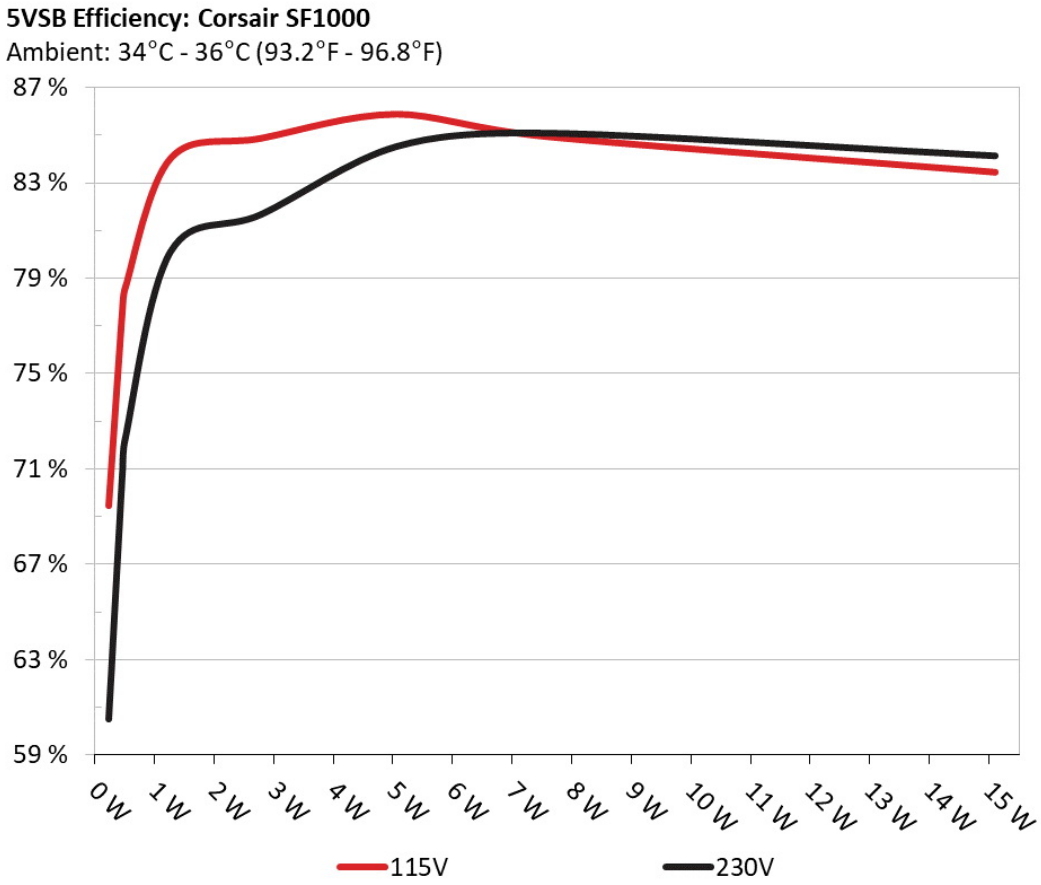
Efficiency under high ambient temperature



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	69.469%	0.032
	5.08V	0.33W		114.93V
2	**0.09A**	0.457W	77.643%	0.056
	5.079V	0.589W		114.93V
3	**0.55A**	2.788W	84.893%	0.25
	5.07V	3.284W		114.92V
4	**1A**	5.064W	85.905%	0.337
	5.064V	5.894W		114.91V
5	**1.5A**	7.586W	84.96%	0.397
	5.057V	8.929W		114.91V
6	**3A**	15.104W	83.469%	0.472
	5.035V	18.095W		114.9V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	**0.045A**	0.229W	60.488%	0.011
	5.079V	0.38W		229.88V
2	**0.09A**	0.457W	70.781%	0.019
	5.079V	0.647W		229.89V
3	**0.55A**	2.788W	81.682%	0.094
	5.069V	3.416W		229.89V
4	**1A**	5.063W	84.536%	0.155
	5.063V	5.989W		229.89V
5	**1.5A**	7.585W	85.088%	0.201
	5.056V	8.916W		229.88V
6	**3A**	15.093W	84.137%	0.313
	5.031V	17.939W		229.88V

Protection Features

OCP (Cold @ 28.6°C)	12V: 107.20A (128.69%), 12.227V 5V: 32.1A (160.50%), 4.94V 3.3V: 32A (160.00%), 3.313V 5VSB: 4.9A (163.33%), 5.002V
OCP (Hot) @ 39.2°C)	12V: 107.80A (129.41%), 12.235V 5V: 31.8A (159.00%), 4.941V 3.3V: 31.8A (159.00%), 3.32V 5VSB: 4.9A (163.33%), 5V
OPP (Cold @ 29.1°C)	1312.10W (131.21%)
OPP (Hot @ 41.7°C)	1318.10W (131.81%)
OTP	✓ (135°C @ Heat Sink)
SCP	12V to Earth: ✓ 5V to Earth: ✓ 3.3V to Earth: ✓ 5VSB 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%	**6.410A**	**2.014A**	**1.981A**	**0.989A**	99.992	90.127%	0	<6.0	42.42°C	0.973
	12.229V	4.966V	3.332V	5.055V	110.947				40.29°C	114.88V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
20%	**13.824A**	**3.022A**	**2.972A**	**1.189A**	199.941	92.38%	0	<6.0	42.62°C	0.967
	12.228V	4.964V	3.331V	5.048V	216.434				40.86°C	114.85V
30%	**21.583A**	**3.526A**	**3.468A**	**1.389A**	299.992	92.949%	0	<6.0	42.81°C	0.979
	12.229V	4.963V	3.33V	5.04V	322.747				41.01°C	114.81V
40%	**29.298A**	**4.031A**	**3.965A**	**1.59A**	399.555	92.863%	0	<6.0	43.86°C	0.986
	12.231V	4.962V	3.329V	5.032V	430.261				41.93°C	114.79V
50%	**36.670A**	**5.039A**	**4.957A**	**1.792A**	499.265	92.487%	868	7.1	42.01°C	0.991
	12.238V	4.961V	3.329V	5.022V	539.82				64.87°C	114.75V
60%	**44.134A**	**6.05A**	**5.951A**	**1.994A**	599.81	92.011%	1280	18.1	42.98°C	0.993
	12.236V	4.959V	3.327V	5.014V	651.888				61.79°C	114.71V
70%	**51.527A**	**7.061A**	**6.947A**	**2.197A**	699.524	91.036%	2040	33	43.48°C	0.993
	12.235V	4.958V	3.326V	5.007V	768.402				59.97°C	114.67V
80%	**58.989A**	**8.07A**	**7.942A**	**2.299A**	799.534	90.413%	2431	37.3	43.91°C	0.994
	12.234V	4.955V	3.324V	5.001V	884.306				60.57°C	114.64V
90%	**66.783A**	**8.577A**	**8.426A**	**2.402A**	899.323	89.727%	2830	41	44.6°C	0.995
	12.232V	4.954V	3.323V	4.995V	1002.296				61.73°C	114.59V
100%	**74.379A**	**9.084A**	**8.94A**	**3.012A**	999.327	88.878%	3234	44.2	45.91°C	0.996
	12.230V	4.953V	3.322V	4.981V	1124.375				64.65°C	114.56V
110%	**82.137A**	**10.097A**	**10.028A**	**3.015A**	1100.001	87.701%	3596	46.5	46.59°C	0.996
	12.197V	4.951V	3.321V	4.976V	1254.281				67.42°C	114.51V
CL1	**0.114A**	**15.816A**	**15.529A**	**0A**	131.296	85.065%	1568	24.7	40.49°C	0.962
	12.250V	4.95V	3.323V	5.064V	154.351				55°C	114.86V
CL2	**0.113A**	**20.172A**	**0A**	**0A**	101.317	84.088%	2367	36.7	40.83°C	0.971
	12.249V	4.954V	3.329V	5.069V	120.492				47.89°C	114.88V
CL3	**0.113A**	**0A**	**19.845A**	**0A**	67.395	79.343%	2056	33.2	40.01°C	0.946
	12.241V	4.962V	3.326V	5.07V	84.941				44.88°C	114.89V
CL4	**81.824A**	**0A**	**0A**	**0A**	999.902	89.738%	2578	39	46.34°C	0.995
	12.220V	4.965V	3.33V	5.031V	1114.25				61.75°C	114.57V

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%	**6.406A**	**2.013A**	**1.98A**	**0.989A**	99.989	90.071%	0	<6.0	42.2°C	0.826
	12.238V	4.966V	3.332V	5.056V	111.014				40°C	229.87V
20%	**13.815A**	**3.021A**	**2.972A**	**1.188A**	199.935	93.114%	0	<6.0	42.95°C	0.915
	12.236V	4.964V	3.331V	5.049V	214.722				40.52°C	229.85V
30%	**21.572A**	**3.526A**	**3.468A**	**1.389A**	299.985	94.01%	0	<6.0	43.18°C	0.942
	12.235V	4.963V	3.33V	5.041V	319.101				41°C	229.83V
40%	**29.285A**	**4.03A**	**3.964A**	**1.59A**	399.536	94.212%	0	<6.0	44.41°C	0.953
	12.236V	4.963V	3.33V	5.033V	424.081				41.71°C	229.82V
50%	**36.671A**	**5.04A**	**4.957A**	**1.792A**	499.242	94.139%	997	9.5	42.15°C	0.963
	12.237V	4.961V	3.329V	5.024V	530.325				55.81°C	229.8V
60%	**44.135A**	**6.05A**	**5.952A**	**1.994A**	599.798	93.974%	1384	21.2	42.68°C	0.968
	12.235V	4.959V	3.327V	5.016V	638.261				54.28°C	229.78V
70%	**51.529A**	**7.061A**	**6.947A**	**2.196A**	699.512	93.698%	1829	29.7	43.07°C	0.971
	12.234V	4.957V	3.326V	5.009V	746.557				54.23°C	229.76V
80%	**58.992A**	**8.07A**	**7.941A**	**2.299A**	799.516	93.367%	2267	34.8	43.82°C	0.974
	12.232V	4.956V	3.324V	5.003V	856.317				54.79°C	229.75V
90%	**66.781A**	**8.578A**	**8.426A**	**2.402A**	899.304	93.012%	2674	39.8	44.36°C	0.976
	12.231V	4.954V	3.323V	4.996V	966.871				55.21°C	229.73V
100%	**74.365A**	**9.084A**	**8.94A**	**3.011A**	999.321	92.534%	3081	43	45.88°C	0.979
	12.232V	4.953V	3.322V	4.982V	1079.954				56.77°C	229.71V
110%	**81.887A**	**10.097A**	**10.027A**	**3.014A**	1099.934	92.083%	3475	45.7	46.91°C	0.981
	12.232V	4.951V	3.321V	4.977V	1194.506				58.4°C	229.69V
CL1	**0.114A**	**15.816A**	**15.529A**	**0A**	131.295	85.485%	1562	24.6	40.47°C	0.88
	12.260V	4.95V	3.323V	5.065V	153.585				51.42°C	229.86V
CL2	**0.113A**	**20.179A**	**0A**	**0A**	101.342	84.204%	2353	36.6	40.89°C	0.841
	12.251V	4.953V	3.329V	5.07V	120.351				46.25°C	229.87V
CL3	**0.113A**	**0A**	**19.839A**	**0A**	67.395	79.415%	2057	33.2	40.03°C	0.775
	12.244V	4.962V	3.327V	5.071V	84.864				44.21°C	229.87V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
CL4	**81.834A**	**0A**	**0A**	**0A**	999.899	93.241%	2470	37.7	45.13°C	0.978
	12.219V	4.964V	3.329V	5.032V	1072.389				53.64°C	229.72V

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	**1.214A**	**0.503A**	**0.495A**	**0.197A**	19.996	73.543%	0	<6.0	37.9°C	0.811
	12.225V	4.969V	3.334V	5.071V	27.189				36.21°C	114.91V
40W	**2.674A**	**0.704A**	**0.693A**	**0.296A**	39.996	83.025%	0	<6.0	38.85°C	0.909
	12.226V	4.968V	3.334V	5.068V	48.173				37.01°C	114.89V
60W	**4.132A**	**0.906A**	**0.891A**	**0.395A**	59.996	87.289%	0	<6.0	40.19°C	0.942
	12.227V	4.968V	3.334V	5.066V	68.732				38.22°C	114.89V
80W	**5.586A**	**1.107A**	**1.089A**	**0.494A**	79.939	89.04%	0	<6.0	41.41°C	0.95
	12.228V	4.968V	3.333V	5.063V	89.777				39.41°C	114.89V

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	**1.216A**	**0.503A**	**0.495A**	**0.197A**	19.994	72.014%	0	<6.0	37.68°C	0.439
	12.212V	4.968V	3.333V	5.073V	27.765				36.41°C	229.91V
40W	**2.676A**	**0.705A**	**0.693A**	**0.296A**	39.994	80.88%	0	<6.0	38.89°C	0.622
	12.215V	4.968V	3.333V	5.07V	49.449				37.25°C	229.89V
60W	**4.134A**	**0.906A**	**0.891A**	**0.395A**	59.994	83.502%	0	<6.0	39.69°C	0.726
	12.219V	4.967V	3.333V	5.067V	71.846				38.3°C	229.88V
80W	**5.588A**	**1.107A**	**1.089A**	**0.494A**	79.936	82.536%	0	<6.0	41.02°C	0.8
	12.224V	4.968V	3.333V	5.064V	96.851				39.5°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	13.4 mV	15.6 mV	13.6 mV	14.1 mV	Pass
20% Load	14.8 mV	14.8 mV	12.7 mV	13.3 mV	Pass
30% Load	15.1 mV	14.6 mV	14.2 mV	13.4 mV	Pass
40% Load	16.9 mV	15.2 mV	13.6 mV	13.9 mV	Pass
50% Load	19.6 mV	15.0 mV	15.1 mV	13.4 mV	Pass
60% Load	20.4 mV	14.6 mV	15.3 mV	13.2 mV	Pass
70% Load	20.5 mV	15.8 mV	15.7 mV	13.1 mV	Pass
80% Load	23.3 mV	15.4 mV	16.4 mV	13.9 mV	Pass
90% Load	24.5 mV	15.8 mV	16.5 mV	13.4 mV	Pass
100% Load	31.5 mV	17.8 mV	18.0 mV	14.7 mV	Pass
110% Load	33.5 mV	17.2 mV	18.7 mV	15.7 mV	Pass
Crossload 1	19.6 mV	17.4 mV	17.4 mV	15.2 mV	Pass
Crossload 2	15.5 mV	19.1 mV	13.7 mV	27.8 mV	Pass
Crossload 3	14.4 mV	16.3 mV	15.7 mV	24.8 mV	Pass
Crossload 4	31.6 mV	16.1 mV	17.5 mV	27.9 mV	Pass

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	13.5 mV	14.5 mV	12.6 mV	13.6 mV	Pass
20% Load	16.2 mV	15.1 mV	13.6 mV	13.5 mV	Pass
30% Load	16.2 mV	14.6 mV	14.0 mV	13.7 mV	Pass
40% Load	16.5 mV	15.6 mV	14.4 mV	14.0 mV	Pass
50% Load	16.9 mV	17.3 mV	16.9 mV	14.1 mV	Pass
60% Load	19.0 mV	15.5 mV	15.3 mV	14.3 mV	Pass

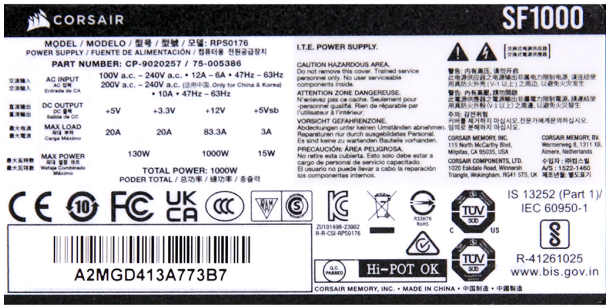
Test	12V	5V	3.3V	5VSB	Pass/Fail
70% Load	21.0 mV	16.2 mV	15.5 mV	14.2 mV	Pass
80% Load	23.0 mV	16.3 mV	16.6 mV	14.8 mV	Pass
90% Load	25.3 mV	15.4 mV	16.5 mV	15.1 mV	Pass
100% Load	32.7 mV	18.0 mV	17.6 mV	16.3 mV	Pass
110% Load	35.3 mV	16.9 mV	18.2 mV	15.8 mV	Pass
Crossload 1	24.3 mV	17.3 mV	15.4 mV	26.6 mV	Pass
Crossload 2	17.5 mV	18.6 mV	13.9 mV	25.5 mV	Pass
Crossload 3	15.5 mV	14.8 mV	14.2 mV	24.2 mV	Pass
Crossload 4	32.9 mV	17.2 mV	18.1 mV	27.9 mV	Pass

The results above are not used in the certification process

Corsair SF1000 Platinum (ATX v3.1)



Top side



Power specifications label

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