CORSAIR

Corsair RM850e (ThermalProtect)

Serial Number 4701

Lab ID CR85003250

Certification ID 263250

Test Result Report ID: 26PS3250A

Certificate Issue Date: Apr 17, 2026

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	RM850e (ThermalProtect)
OEM/ODM	HEC
Serial Number	4701
Product Specifications	
Manufacturer-Provided Information	
Rated Voltage (Vrms)	100-240
Rated Current (Arms)	5-10

Rated Frequency (Hz)	47-63
Rated Power (W)	850
Operating Temperature (Continuous Full Load) (°C)	0 - 40
Type	ATX12V
Cable Design	Fully Modular
Warranty	3 years
Cybenetics Measurements	
Dimensions (W x H x D)	150 x 85 x 140mm
Weight	1.53 kg (3.37 lb)
Cooling	120mm Rifle Bearing Fan (HA1225H12SF-Z)
Semi-Passive Operation	✓
Cybenetics Testing Information	
Lab ID	CR85003250
Date of receipt	Mar 18, 2026
Testing Date	Apr 10, 2026
Report Issued Date	Apr 17, 2026
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 24 pin (605mm)	1	1	16-20AWG	Tinned Copper
4+4 pin EPS12V (740mm)	2	2	18AWG	Tinned Copper
2x 6+2 pin PCIe (640mm)	2	2	16AWG	Tinned Copper
6+2 pin PCIe (640mm)	1	1	18AWG	Tinned Copper
12+4 pin PCIe (640mm) (600W)	1	1	16-28AWG	Tinned Copper
SATA (440mm+100mm+100mm+100mm)	1	4	18AWG	Tinned Copper
4-pin Molex (440mm+100mm+100mm+100mm)	1	4	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	70.8	3	0
	Watts	150		850	15	0
Total Max. Power (W)		850				

Parts Description

General Data	
Manufacturer (OEM)	HEC
PCB Type	Double-Sided
Primary Side	
Transient Filter	2x Y caps, 3x X caps, 2x CM chokes, 1x MOV
Inrush Protection	NTC Thermistor SCK-056 (5 Ohm) & Relay
Bridge Rectifier(s)	2x GBU15KL (600V, 15A @ 100°C)
APFC MOSFETs	2x Great Power GP36S60YERD
APFC Boost Diode	1x Wolfspeed C6D08065A (650V, 8A @ 155°C)
Bulk Cap(s)	1x Teapo (400V, 470uF, 2,000h @ 105°C, LS)
Main Switchers	2x CR Micro CRJF99N65G2 (650V, 20A @ 100°C, Rds(on): 0.81 Ohm)
APFC Controller	Champion CM6500UNX & Champion CM03AX (reducing no load consumption)
Resonant Controller	Champion CM6901T6X

Topology	Primary side: APFC, Half-Bridge & LLC Resonant converter Secondary side: Synchronous Rectification & DC-DC converters
Secondary Side	
+12V MOSFETs	6x Pingwei PWC012N04ES (40V, 132A @ 100°C, Rds(on): 1.2 mOhm)
5V & 3.3V	DC-DC Converters: 4x Potens Semiconductor PDC3906X (30V, 51A @ 100°C, Rds(on): 5.5 mOhm) PWM Controller(s): 1x ANPEC APW7159C
Filtering Capacitors	Electrolytic: 6x Teapo (1-3,000h @ 105°C, SC), 2x Nippon Chemi-con (2-5,000h @ 105°C, KZE) 1x Rubycon (4-10,000h @ 105°C, YXF) Polymer: 12x Teapo, 10x CS(12Kuang Jin)
Supervisor IC	Weltrend WT7527RT (OCP, OVP, UVP, SCP, PG)
Fan Controller	Nuvoton MS51FB9AE
Fan Model	Hong Hua HA1225H12SF-Z (120mm, 12V, 0.58A, Rifle Bearing Fan)
5VSB Circuit	
Rectifier	1x PS1060L SBR (60V, 10A)
Standby PWM Controller	Excelliance MOS EM8569D

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	✓
Conducted Emissions EN 55032 & CISPR 32	Passed

Performance Summary

115V

Accredited	
Average Efficiency (>1450 load combinations)	89.189%
Average Noise Output (>1450 Load Combinations)	18.98dBA
Average PF (>1450 Load Combinations)	0.987
Efficiency With 10W (≤500W) or 2% (>500W) Load	67.219%
Standby Power Consumption	0.0533W
Non-Accredited	
12V Ripple (Full Load)	42.28mV
5V Ripple (Full Load)	20.71mV
3.3V Ripple (Full Load)	20.06mV
5VSB Ripple (Full Load)	21.42mV
12V Load Regulation	0.79%
5V Load Regulation	0.66%
3.3V Load Regulation	0.33%
5VSB Load Regulation	2.25%
Inrush Current	27.200A

230V

Accredited	
Average Efficiency (>1450 load combinations)	91.162%
Average Noise Output (>1450 Load Combinations)	18.61dBA
Average PF (>1450 Load Combinations)	0.954
Efficiency With 10W (≤500W) or 2% (>500W) Load	67.462%
Standby Power Consumption	0.1045W
Non-Accredited	
12V Ripple (Full Load)	40.73mV
5V Ripple (Full Load)	16.23mV
3.3V Ripple (Full Load)	18.20mV

5VSB Ripple (Full Load)		19.20mV
12V Load Regulation		0.86%
5V Load Regulation		0.88%
3.3V Load Regulation		1.73%
5VSB Load Regulation		2.46%
Inrush Current		76.450A
12V Transient Response (200%)		11.45V
5V Transient Response (200%)		4.916V
3.3V Transient Response (200%)		3.253V
5VSB Transient Response (200%)		4.878V
Hold-Up Time & PWR_OK Signal		17.10ms
AC Loss to PWR_OK Hold Up Time		14.60ms
PWR_OK Inactive to DC Loss Delay		2.50ms
PSU Timings: T1 (20% / 100%)	49.0ms	50.0ms
PSU Timings: T3 (20% / 100%)	122.0ms	122.0ms
OPP (30.24°C / 42.61°C)	123.13%	121.00%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	17.1
AC Loss to PWR_OK Hold Up Time (ms)	14.6
PWR_OK Inactive to DC Loss Delay (ms)	2.5

Vampire Power

Tables

115V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.03 V	115.01 V	113.85 V	115.05 V	116.15 V	PASS

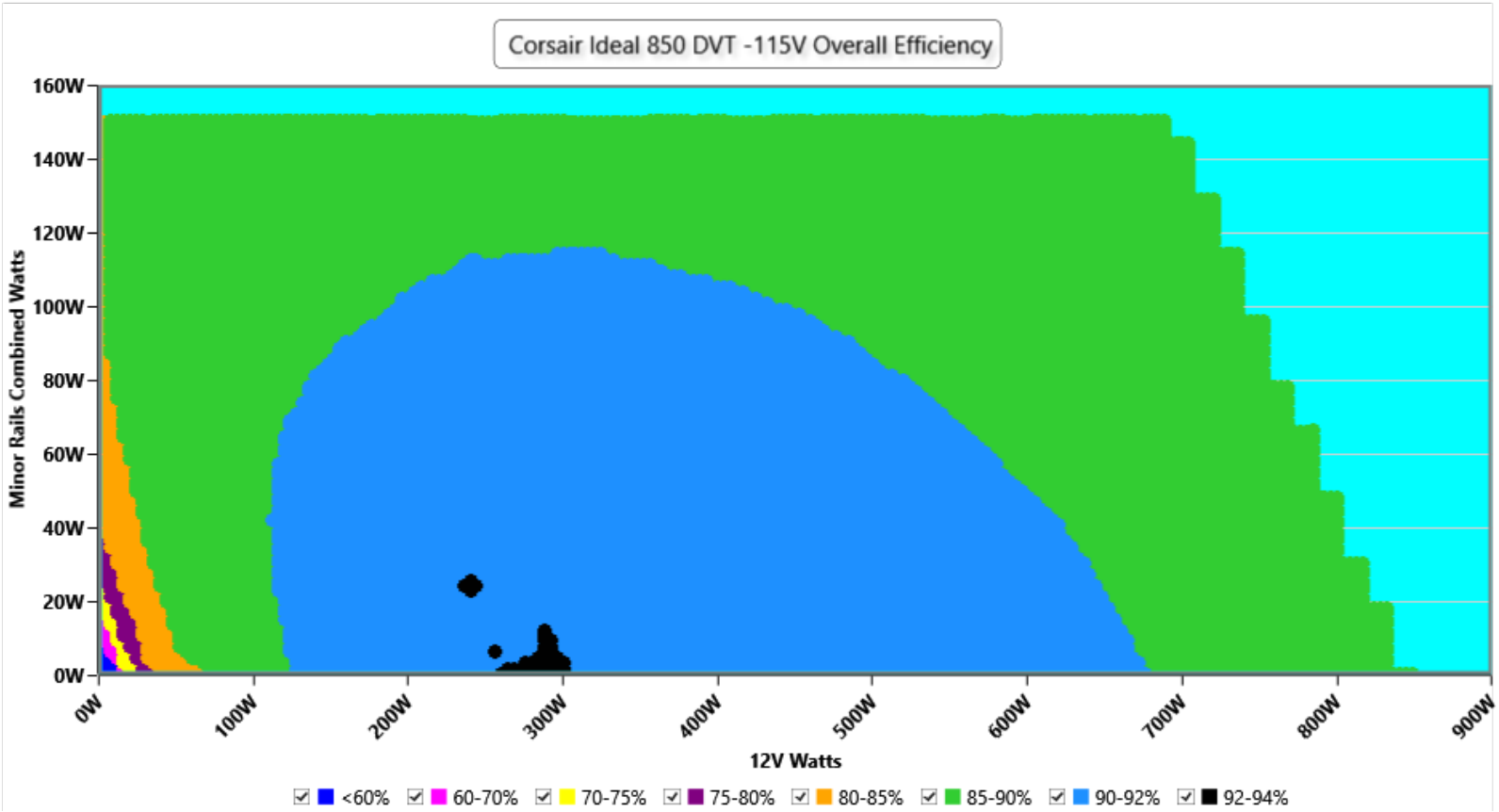
Mains Frequency:	60.00 Hz	59.94 Hz	59.40 Hz	60.01 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.416	1.415	1.340	1.416	1.490	PASS
Mains Voltage THD:	0.13 %	0.11 %	N/A	0.16 %	2.00 %	PASS
Real Power:	0.053 W	-0.004 W	N/A	0.088 W	N/A	N/A
Apparent Power:	10.057 W	10.035 W	N/A	10.077 W	N/A	N/A
Power Factor:	0.005	N/A	N/A	N/A	N/A	N/A

230V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	230.09 V	230.07 V	227.70 V	230.11 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:	0.104 W	0.062 W	N/A	0.163 W	N/A	N/A
Apparent Power:	32.797 W	32.762 W	N/A	32.837 W	N/A	N/A
Power Factor:	0.003	N/A	N/A	N/A	N/A	N/A

Efficiency Graph

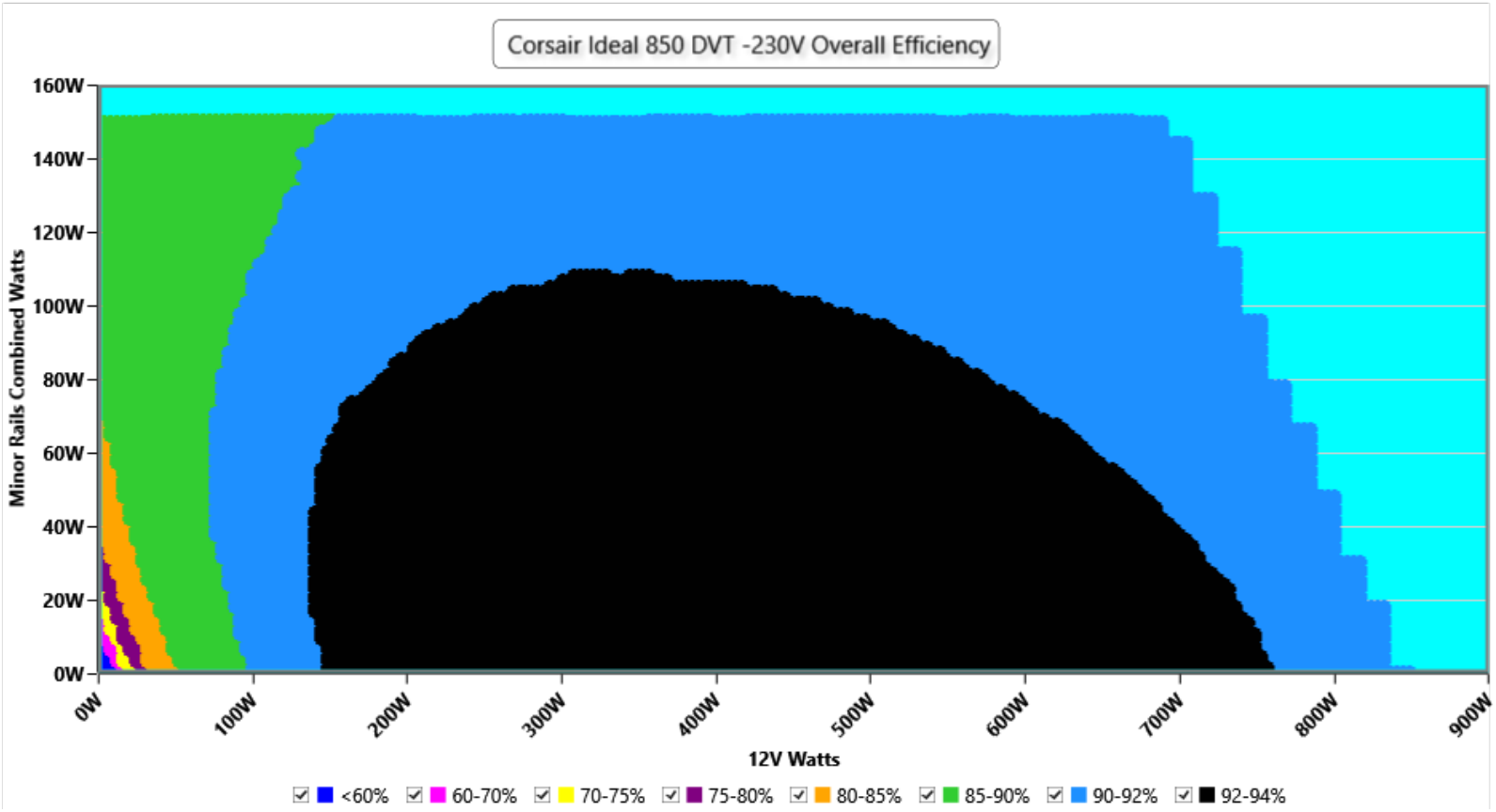
115V



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

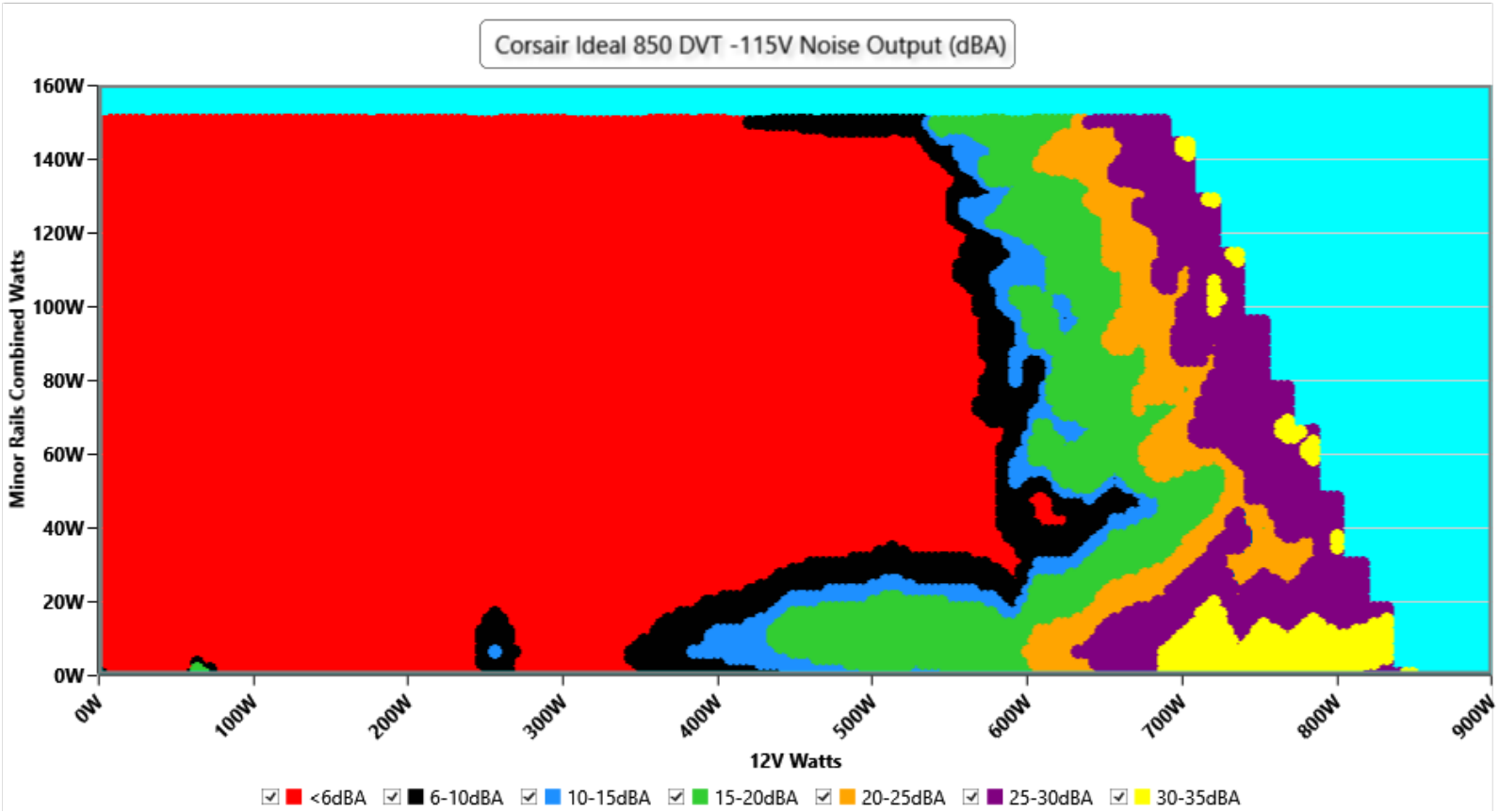


INFO

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

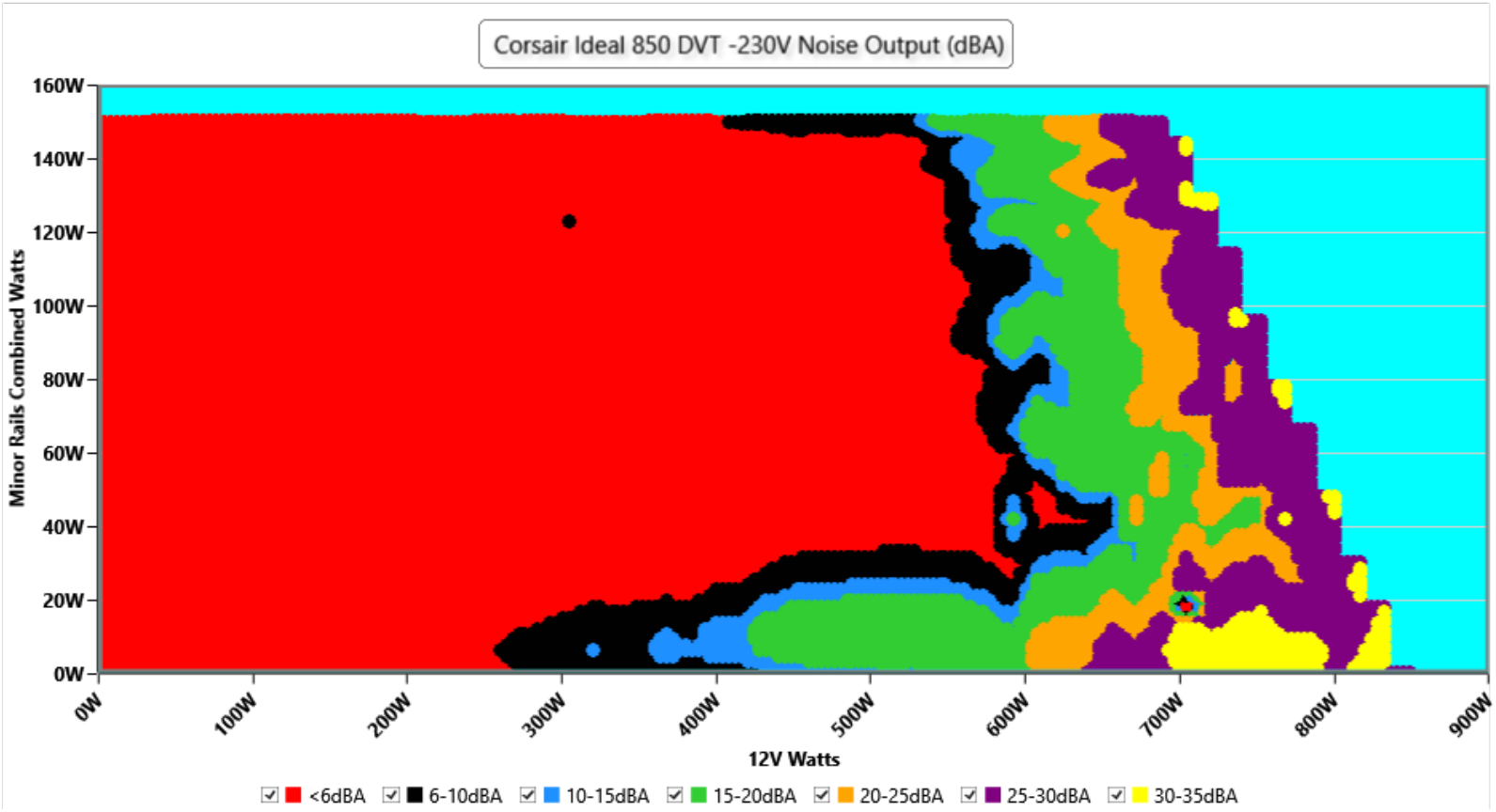
115V



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

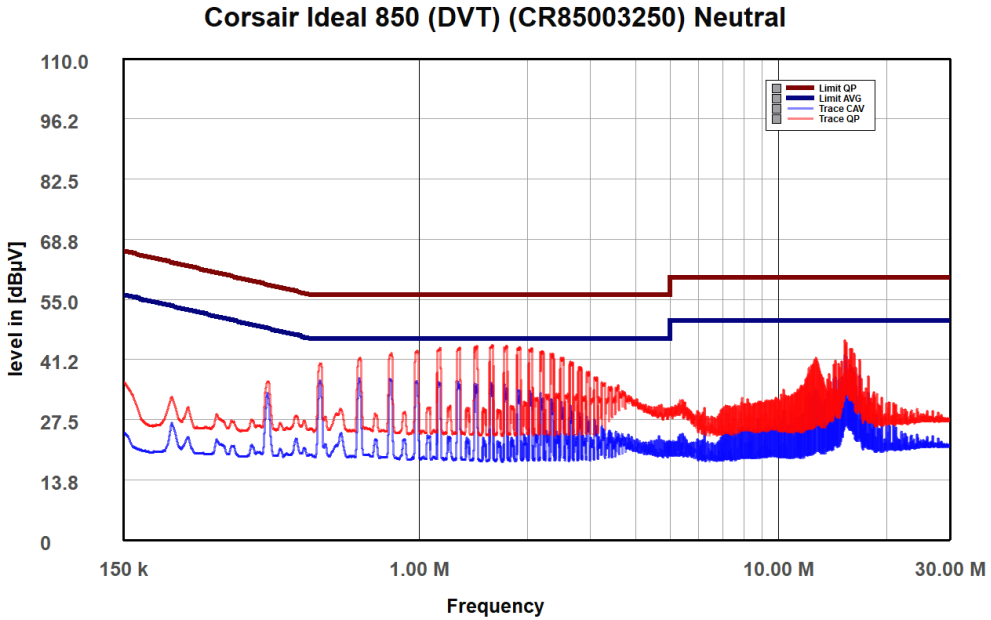
230V



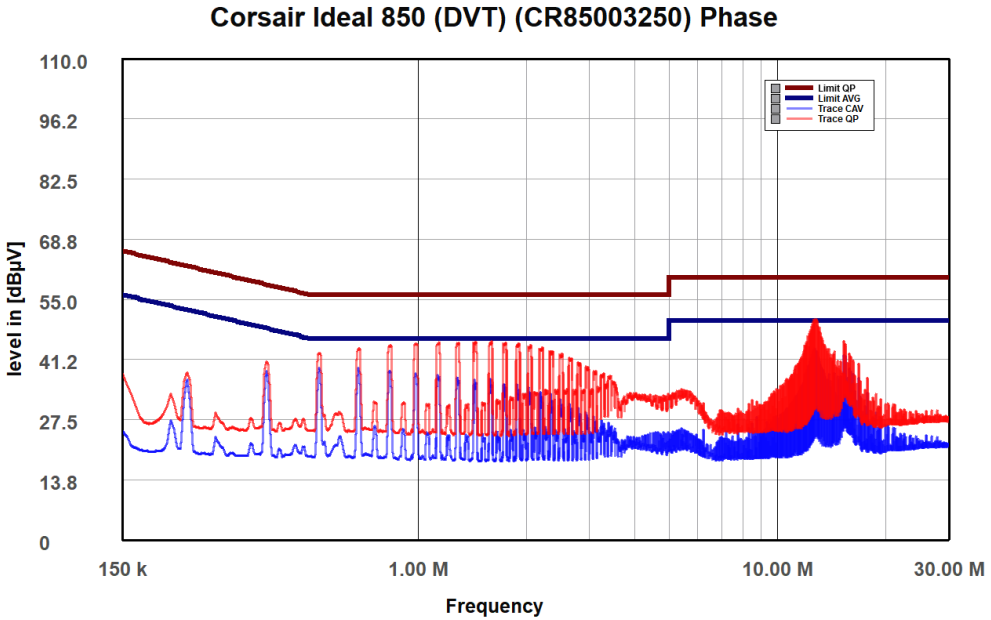
INFO

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

Conducted Emissions EN 55032 & CISPR 32



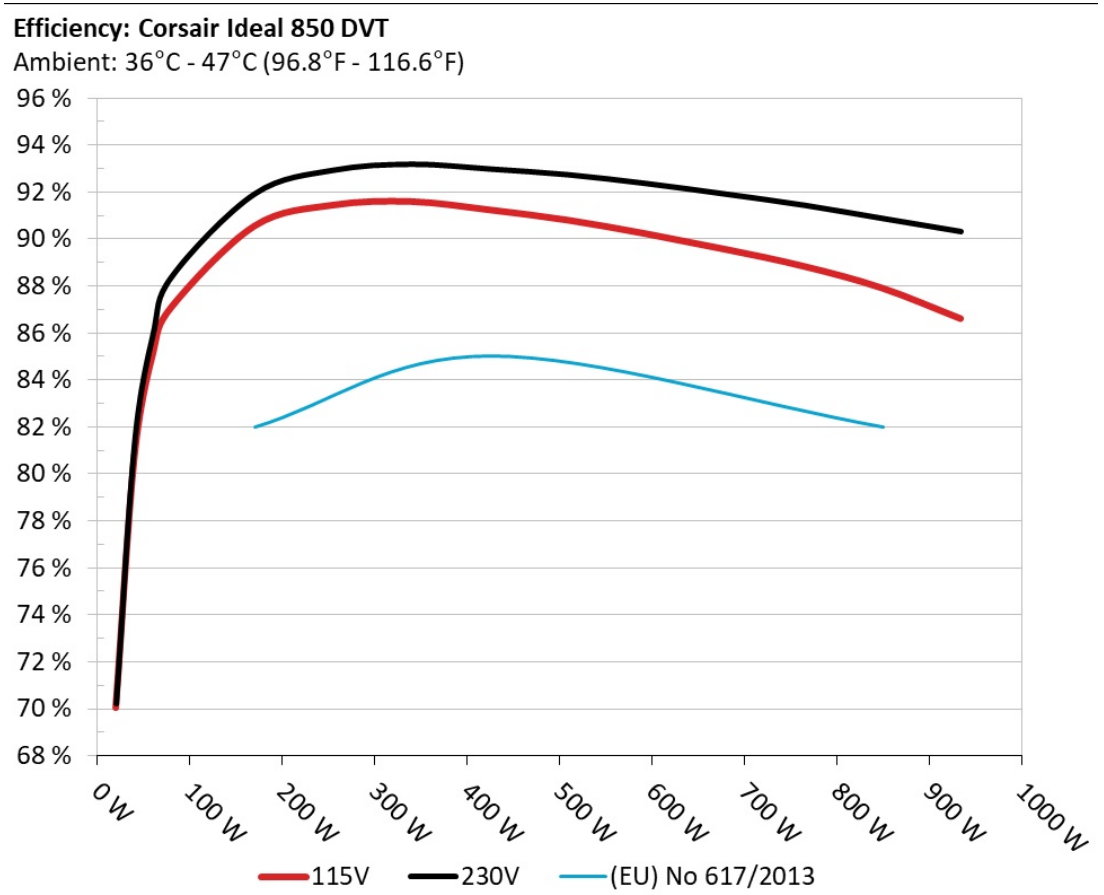
NEUTRAL



PHASE

Indicative Performance

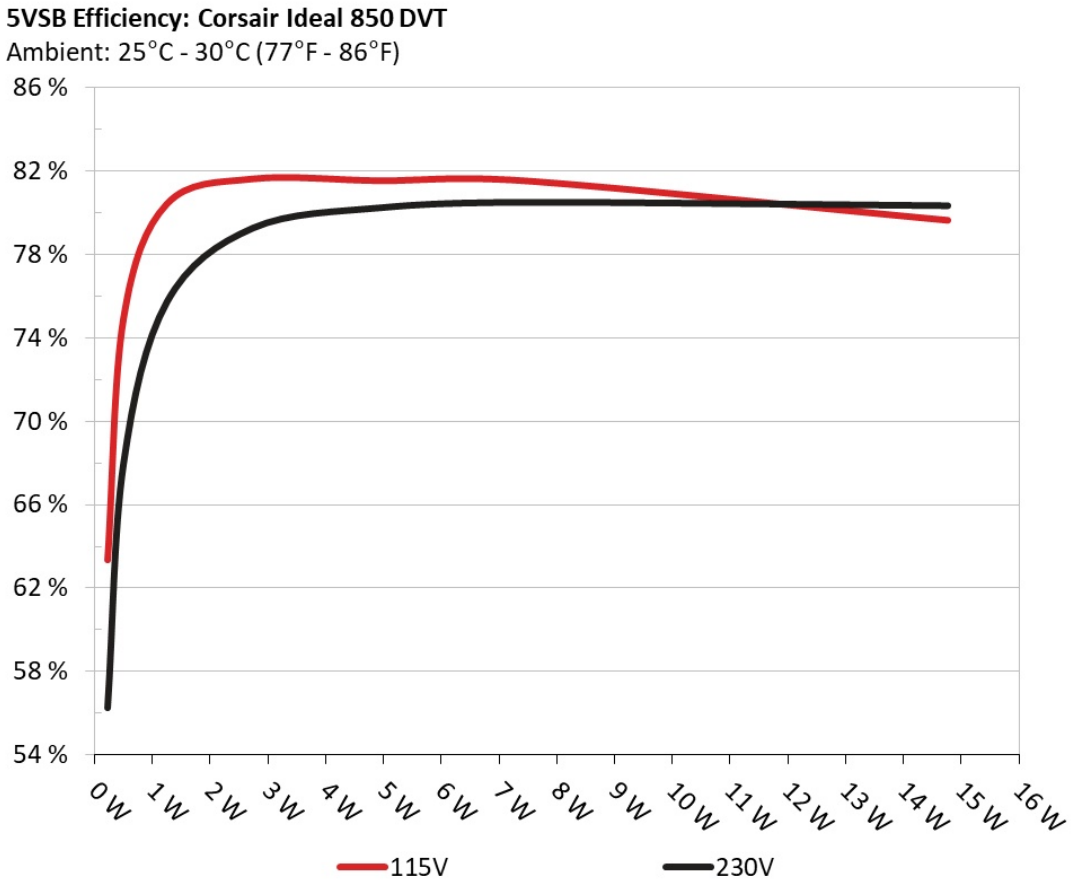
Efficiency under high ambient temperature



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**	0.225W	63.33%	0.036
	4.999V	0.354W		115.08V
2	**0.09A**	0.45W	74.24%	0.061
	4.999V	0.606W		115.08V
3	**0.55A**	2.743W	81.612%	0.263
	4.988V	3.363W		115.09V
4	**1A**	4.978W	81.52%	0.361
	4.977V	6.106W		115.08V
5	**1.5A**	7.449W	81.516%	0.413
	4.966V	9.139W		115.08V
6	**3.001A**	14.77W	79.622%	0.488
	4.923V	18.549W		115.07V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	**0.045A**	0.225W	56.263%	0.012
	4.997V	0.4W		230.27V
2	**0.09A**	0.45W	66.538%	0.021
	4.996V	0.676W		230.27V
3	**0.55A**	2.742W	79.266%	0.102
	4.985V	3.458W		230.26V
4	**1A**	4.975W	80.242%	0.17
	4.974V	6.201W		230.26V
5	**1.5A**	7.444W	80.497%	0.23
	4.962V	9.247W		230.26V
6	**3A**	14.777W	80.333%	0.336
	4.925V	18.395W		230.25V

Protection Features

OCP (Normal @ 26.9°C)	12V: 87.40A (123.45%), 12.055V 5V: 29.3A (146.50%), 5.014V 3.3V: 27.2A (136.00%), 3.305V 5VSB: 3.9A (130.00%), 4.901V
OCP (Hot @ 43.9°C)	12V: 85.80A (121.19%), 12.060V 5V: 28A (140.00%), 5.014V 3.3V: 25A (125.00%), 3.311V 5VSB: 3.9A (130.00%), 4.903V
OPP (Normal @ 30.2°C)	1046.61W (123.13%)
OPP (Hot @ 42.6°C)	1028.54W (121.00%)
OTP	✓ (92°C @ 12V Heatsink)
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	✗
Thermal Protection @ 12V-2x6 cable	✓
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%	**5.228A**	**1.986A**	**2.004A**	**1.006A**	85.007	87.111%	0	<6.0	49.59°C	0.972
	12.127V	5.036V	3.293V	4.971V	97.585				40.27°C	115.08V
20%	**11.474A**	**2.981A**	**3.005A**	**1.209A**	169.948	90.543%	0	<6.0	52.95°C	0.987
	12.119V	5.033V	3.295V	4.963V	187.698				40.78°C	115.05V
30%	**18.074A**	**3.479A**	**3.506A**	**1.413A**	254.957	91.434%	0	<6.0	56.26°C	0.983
	12.112V	5.03V	3.294V	4.955V	278.839				41.37°C	115.01V
40%	**24.687A**	**3.979A**	**4.008A**	**1.618A**	340.047	91.585%	0	<6.0	61.06°C	0.986
	12.105V	5.028V	3.293V	4.947V	371.299				41.86°C	114.98V
50%	**30.948A**	**4.976A**	**5.008A**	**1.823A**	424.865	91.229%	337	<6.0	42.22°C	0.989
	12.096V	5.025V	3.295V	4.938V	465.716				60.78°C	114.96V
60%	**37.204A**	**5.978A**	**6.007A**	**2A**	509.258	90.794%	482	<6.0	42.94°C	0.99
	12.084V	5.02V	3.296V	4.93V	560.896				62.59°C	114.92V
70%	**43.539A**	**6.98A**	**7.004A**	**2.236A**	594.709	90.21%	770	16.1	43.15°C	0.992
	12.072V	5.016V	3.299V	4.921V	659.247				60.47°C	114.89V
80%	**49.888A**	**7.981A**	**7.997A**	**2.34A**	679.523	89.554%	994	25.1	43.7°C	0.993
	12.060V	5.011V	3.301V	4.914V	758.79				60.77°C	114.86V
90%	**56.647A**	**8.487A**	**8.485A**	**2.446A**	764.944	88.829%	1440	36.6	44.1°C	0.994
	12.048V	5.008V	3.3V	4.907V	861.149				60.56°C	114.82V
100%	**63.152A**	**8.993A**	**9.005A**	**3.07A**	849.753	87.901%	1814	42.9	45.76°C	0.994
	12.035V	5.004V	3.298V	4.887V	966.726				61.38°C	114.79V
110%	**69.539A**	**10A**	**10.09A**	**3.073A**	934.325	86.607%	2077	46.3	46.21°C	0.991
	12.023V	5V	3.3V	4.882V	1078.82				63.47°C	114.77V
CL1	**0.116A**	**17.989A**	**17.779A**	**0A**	151.294	83.925%	1557	39.1	42.15°C	0.987
	12.106V	5.02V	3.352V	4.984V	180.27				53.93°C	115.05V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
CL2	**0.116A**	**19.888A**	**0A**	**0A**	101.388	83.048%	1074	27.7	40.43°C	0.979
	12.117V	5.028V	3.279V	4.994V	122.085				48.67°C	115.07V
CL3	**0.114A**	**0A**	**19.682A**	**0A**	67.383	78.422%	816	18.1	40.23°C	0.969
	12.113V	5.033V	3.353V	4.993V	85.926				48.44°C	115.08V
CL4	**70.536A**	**0A**	**0A**	**0A**	849.498	88.789%	1438	36.8	45.32°C	0.994
	12.044V	5.015V	3.253V	4.972V	956.762				59.46°C	114.79V

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%	**5.228A**	**1.986A**	**2.012A**	**1.006A**	85.012	88.305%	0	<6.0	46.77°C	0.824
	12.129V	5.036V	3.281V	4.971V	96.27				40.43°C	230.24V
20%	**11.474A**	**2.981A**	**3.022A**	**1.209A**	169.964	91.926%	0	<6.0	53.77°C	0.923
	12.120V	5.032V	3.276V	4.962V	184.891				40.56°C	230.23V
30%	**18.074A**	**3.481A**	**3.531A**	**1.413A**	254.976	92.929%	0	<6.0	51.43°C	0.951
	12.112V	5.029V	3.271V	4.953V	274.371				41.03°C	230.22V
40%	**24.689A**	**3.981A**	**4.042A**	**1.618A**	340.068	93.184%	0	<6.0	49.42°C	0.963
	12.105V	5.026V	3.266V	4.945V	364.942				41.9°C	230.2V
50%	**30.959A**	**4.981A**	**5.061A**	**1.824A**	424.921	92.982%	340	<6.0	42.11°C	0.969
	12.094V	5.021V	3.26V	4.935V	456.992				51.92°C	230.18V
60%	**37.216A**	**5.983A**	**6.085A**	**2A**	509.315	92.737%	604	7.3	42.94°C	0.973
	12.082V	5.016V	3.255V	4.927V	549.202				54.38°C	230.17V
70%	**43.552A**	**6.988A**	**7.112A**	**2.238A**	594.769	92.36%	677	10.9	43.27°C	0.976
	12.069V	5.011V	3.249V	4.916V	643.969				54.61°C	230.15V
80%	**49.904A**	**7.991A**	**8.14A**	**2.343A**	679.581	91.913%	1076	27.7	43.72°C	0.978
	12.057V	5.005V	3.243V	4.909V	739.373				55.32°C	230.14V
90%	**56.665A**	**8.498A**	**8.648A**	**2.449A**	764.995	91.437%	1408	36.1	44.06°C	0.98
	12.045V	5.001V	3.238V	4.9V	836.633				55.23°C	230.13V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
100%	**63.170A**	**9.007A**	**9.188A**	**3.075A**	849.8	90.874%	1790	42.5	45.3°C	0.982
	12.033V	4.996V	3.232V	4.879V	935.14				55.2°C	230.12V
110%	**69.531A**	**10.014A**	**10.317A**	**3.077A**	934.267	90.318%	2076	46.3	46.56°C	0.983
	12.024V	4.992V	3.227V	4.876V	1034.416				56.17°C	230.15V
CL1	**0.116A**	**18.002A**	**18.308A**	**0A**	151.287	84.557%	1558	39.1	41.89°C	0.92
	12.106V	5.016V	3.255V	4.982V	178.916				50.75°C	230.31V
CL2	**0.114A**	**19.895A**	**0A**	**0A**	101.373	84.495%	816	18.1	40.02°C	0.868
	12.116V	5.025V	3.278V	4.993V	119.976				47.36°C	230.33V
CL3	**0.114A**	**0A**	**20.224A**	**0A**	67.376	78.023%	809	17.9	40.43°C	0.8
	12.113V	5.032V	3.263V	4.992V	86.356				46.78°C	230.35V
CL4	**70.529A**	**0A**	**0A**	**0A**	849.431	91.759%	1537	38.7	45.55°C	0.982
	12.044V	5.01V	3.249V	4.968V	925.725				53.78°C	230.23V

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	**1.224A**	**0.496A**	**0.501A**	**0.2A**	20.003	70.046%	0	<6.0	39.92°C	0.832
	12.129V	5.037V	3.29V	4.997V	28.559				36.15°C	115.1V
40W	**2.696A**	**0.695A**	**0.702A**	**0.3A**	40.004	80.713%	0	<6.0	44.14°C	0.929
	12.129V	5.037V	3.29V	4.993V	49.563				37.03°C	115.09V
60W	**4.166A**	**0.893A**	**0.903A**	**0.401A**	60.003	85.108%	0	<6.0	46.7°C	0.958
	12.129V	5.037V	3.29V	4.988V	70.502				38.09°C	115.09V
80W	**5.633A**	**1.092A**	**1.103A**	**0.502A**	79.949	87.079%	0	<6.0	47.4°C	0.97
	12.128V	5.036V	3.29V	4.983V	91.811				39.02°C	115.08V

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	**1.224A**	**0.496A**	**0.502A**	**0.2A**	20.015	70.201%	0	<6.0	41.02°C	0.477
	12.137V	5.04V	3.288V	4.999V	28.512				36.04°C	230.25V
40W	**2.694A**	**0.695A**	**0.703A**	**0.3A**	40.011	81.379%	0	<6.0	44.26°C	0.639
	12.135V	5.039V	3.286V	4.995V	49.169				37.6°C	230.26V
60W	**4.166A**	**0.893A**	**0.904A**	**0.401A**	60.009	85.971%	0	<6.0	44.08°C	0.747
	12.132V	5.039V	3.285V	4.989V	69.801				38.37°C	230.26V
80W	**5.633A**	**1.092A**	**1.106A**	**0.502A**	79.962	88.386%	0	<6.0	46.43°C	0.81
	12.130V	5.037V	3.283V	4.984V	90.469				39.3°C	230.25V

The results above are not used in the certification process

Ripple Measurements

115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	20.16mV	15.45mV	14.94mV	12.75mV	Pass
20% Load	24.28mV	14.17mV	14.22mV	13.16mV	Pass
30% Load	27.48mV	15.25mV	15.36mV	14.19mV	Pass
40% Load	29.70mV	16.07mV	15.15mV	15.33mV	Pass
50% Load	30.83mV	15.81mV	16.13mV	15.28mV	Pass
60% Load	32.43mV	15.97mV	15.82mV	16.83mV	Pass
70% Load	34.24mV	15.97mV	17.37mV	16.83mV	Pass
80% Load	36.04mV	17.00mV	17.11mV	16.52mV	Pass
90% Load	37.43mV	16.95mV	18.56mV	17.14mV	Pass
100% Load	42.28mV	20.71mV	20.06mV	21.42mV	Pass
110% Load	46.30mV	24.94mV	26.06mV	26.07mV	Pass
Crossload1	23.87mV	14.27mV	17.01mV	9.65mV	Pass
Crossload2	20.37mV	14.06mV	13.03mV	10.43mV	Pass

Test	12V	5V	3.3V	5VSB	Pass/Fail
Crossload3	18.82mV	13.09mV	17.01mV	9.91mV	Pass
Crossload4	40.94mV	16.13mV	16.19mV	13.11mV	Pass

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	19.18mV	13.50mV	13.03mV	12.90mV	Pass
20% Load	24.18mV	26.38mV	16.50mV	25.65mV	Pass
30% Load	27.12mV	15.25mV	14.48mV	14.20mV	Pass
40% Load	28.82mV	16.18mV	16.45mV	14.66mV	Pass
50% Load	31.09mV	15.05mV	15.67mV	15.23mV	Pass
60% Load	32.43mV	15.61mV	16.08mV	15.33mV	Pass
70% Load	34.34mV	14.99mV	15.57mV	16.62mV	Pass
80% Load	36.71mV	15.97mV	17.27mV	16.31mV	Pass
90% Load	38.41mV	15.97mV	17.43mV	16.41mV	Pass
100% Load	40.73mV	16.23mV	18.20mV	19.20mV	Pass
110% Load	45.32mV	17.72mV	18.98mV	20.13mV	Pass
Crossload1	23.62mV	14.99mV	18.20mV	10.37mV	Pass
Crossload2	21.29mV	14.63mV	13.14mV	9.96mV	Pass
Crossload3	20.52mV	13.45mV	17.89mV	10.53mV	Pass
Crossload4	42.84mV	16.64mV	17.74mV	12.39mV	Pass

The results above are not used in the certification process

Corsair RM850e (ThermalProtect)

Top side

Power specifications label

Fan

PSU Internals

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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