

Corsair VS550

Lab ID#: 558

Receipt Date: Apr 28, 2018 Test Date: May 8, 2018 Report:

Report Date: May 12, 2018

DUT INFORMAT	ION
Brand	Corsair
Manufacturer (OEM)	HEC
Series	VS
Model Number	
Serial Number	18389853000052597430
DUT Notes	CP-9020171

DUT SPECIFICATIO	NS
Rated Voltage (Vrms)	100-240
Rated Current (Arms)	10-5
Rated Frequency (Hz)	47-63
Rated Power (W)	550
Туре	ATX12V
Cooling	120mm Sleeve Bearing Fan (D12SH-12)
Semi-Passive Operation	Х
Cable Design	Fixed cables

TEST EQUIPMENT

All data and graphs included in this test report can be used by any individual on the following conditions:

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RESULTS	
Temperature Range (°C/°F)	28-30 / 82.4-86 (+-2°C / +- 3.6°F)
ErP Lot 3/6 Ready	/
(EU) No 617/2013 Compliance	✓

115V	
Average Efficiency	83.290%
Efficiency With 10W (≤500W) or 2% (>500W)	54.513
Average Efficiency 5VSB	79.597%
Standby Power Consumption (W)	0.0462126
Average PF	0.990
Avg Noise Output	29.69 dB(A)
Efficiency Rating (ETA)	BRONZE
Noise Rating (LAMBDA)	A-

230V	
Average Efficiency	85.561%
Average Efficiency 5VSB	78.848%
Standby Power Consumption (W)	0.1057410
Average PF	0.960
Avg Noise Output	30.12 dB(A)
Efficiency Rating (ETA)	BRONZE
Noise Rating (LAMBDA)	Standard++

POWER SPECIFIC	ATIONS					
Rail		3.3V	5V	12V	5VSB	-12V
Mary Davier	Amps	24	20	44	3	0.3
Max. Power	Watts	120		528	15	3.6
Total Max. Power (W)		550				

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AC Power Cord (1380mm) - C13 coupler

EFFICIENCY AND NOISE REPORT IN ACCORDANCE WITH CYBENETICS ETA AND CYBENETICS LAMBDA PROCEDURE

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CABLES AND CONNECTORS Captive Cables Description Cable Count Connector Count (Total) In Cable Capacitors Gauge ATX connector 20+4 pin (550mm) 1 1 18-20AWG No 1 1 18AWG 4+4 pin EPS12V (620mm) No 2 6+2 pin PCle (550mm+110mm) 1 18AWG No 2 6 SATA (440mm+120mm+120mm) 18AWG No SATA (450mm) / 4-pin Molex (+120mm+120mm) / FDD (+120mm) 1 1/2/1 18-20AWG No

1

18AWG

1

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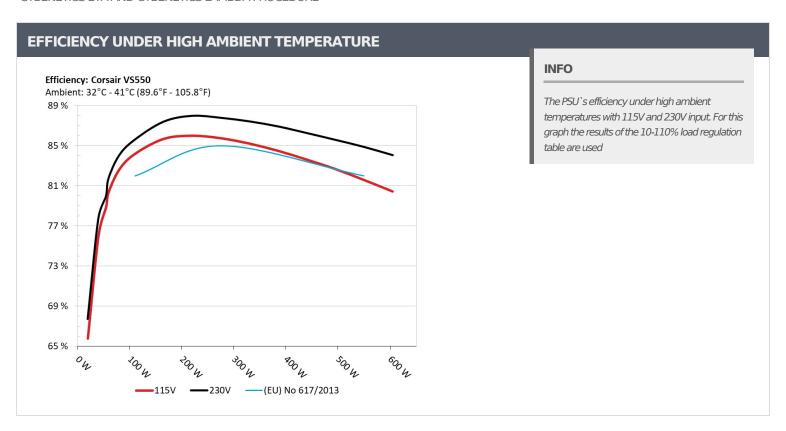
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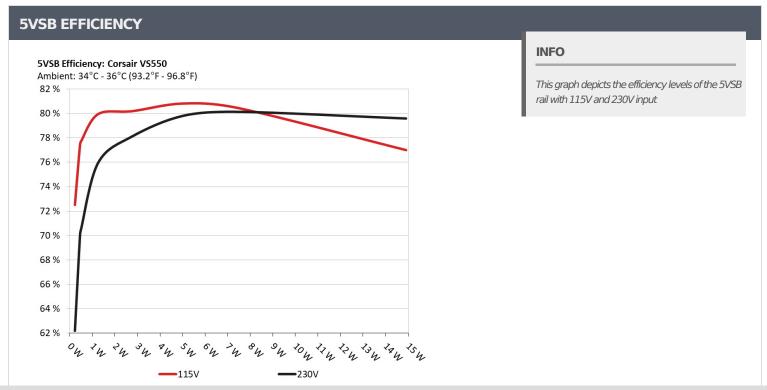
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5VSB EFFICIENCY -115V (ERP LOT 3/6 & CEC)				
Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	0.045A	0.227	72.5240/	0.036
	5.030V	0.313	72.524%	115.05V
2	0.090A	0.453	77.42607	0.067
	5.030V	0.585	77.436%	115.05V
3	0.550A	2.762	80.197%	0.272
	5.021V	3.444		115.05V
	1.000A	5.012	80.826%	0.349
4	5.011V	6.201		115.05V
5	1.500A	7.502	80.442%	0.393
	5.001V	9.326		115.05V
	2.999A	14.907	77.011%	0.455
6	4.970V	19.357		115.05V

5VSB EFFICIENCY -230V (ERP LOT 3/6 & CEC)				
Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	0.045A	0.227	62.1020/	0.013
1	5.030V	0.365	62.192%	230.20V
2	0.090A	0.453	70.0150/	0.023
2	5.030V	0.647	70.015%	230.20V
2	0.550A	2.762	70.1110/	0.115
3	5.021V	3.536	78.111%	230.18V
	1.000A	5.012	70 7060/	0.183
4	5.012V	6.281	79.796%	230.19V
_	1.500A 7.502		0.237	
5	5.001V	9.363	80.124%	230.19V
6	3.000A	14.904	70 5010/	0.326
	4.968V	18.728	79.581%	230.19V

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115V

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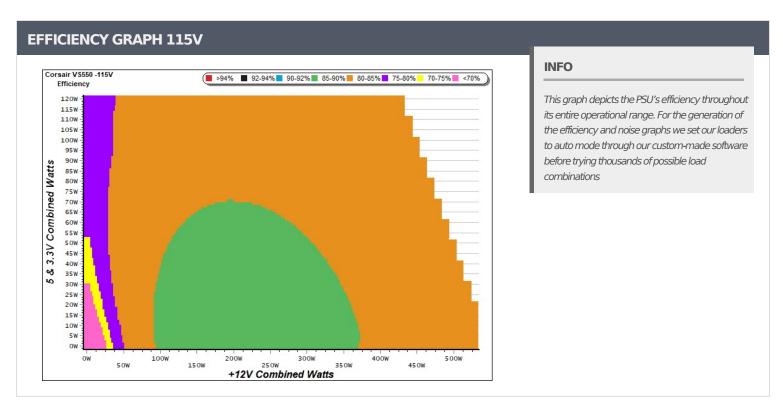
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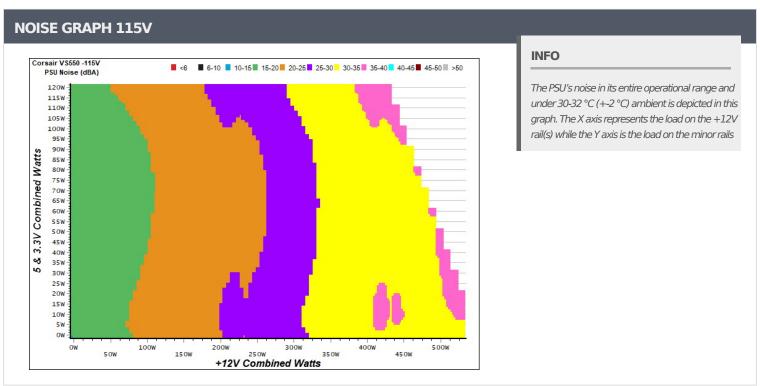
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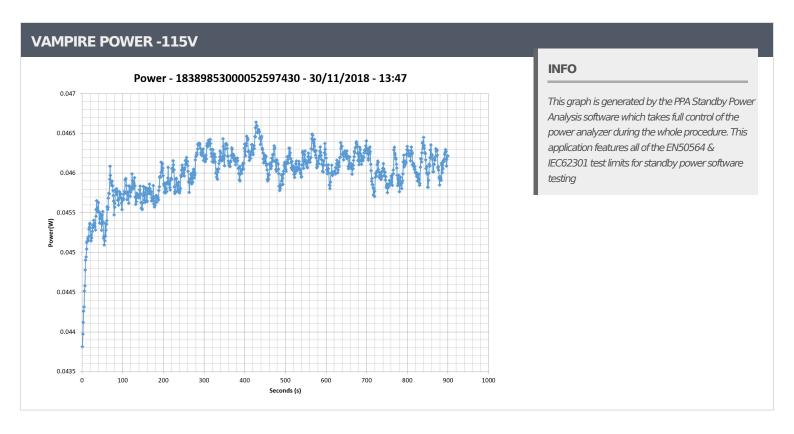
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COMMISSION REGULATION (EU) NO 617/2013 TESTING 115V

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230V

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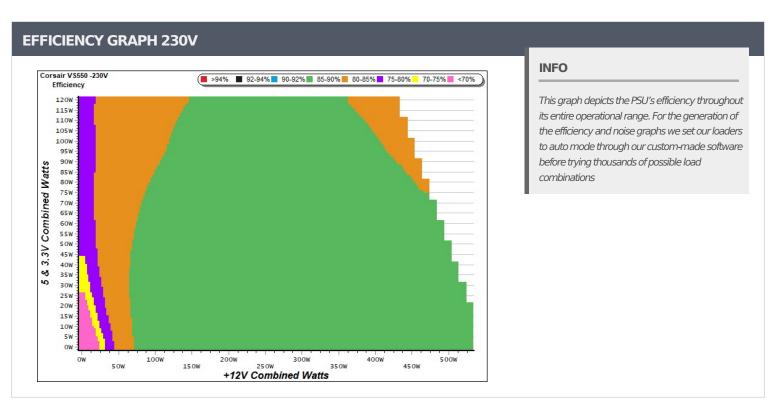
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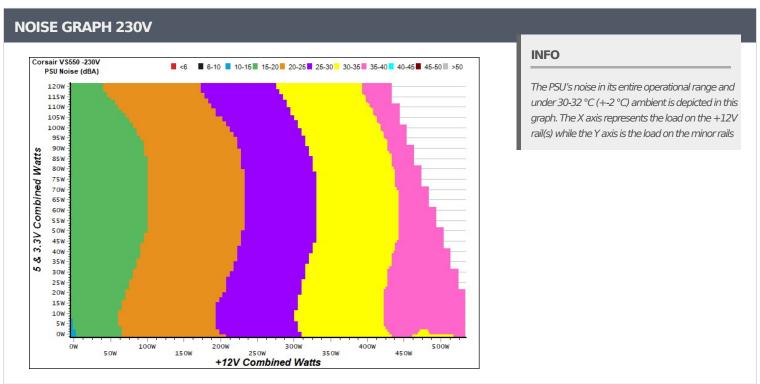
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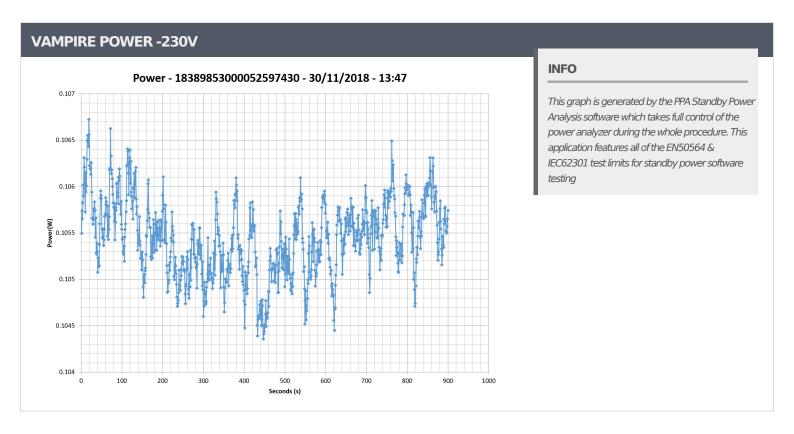
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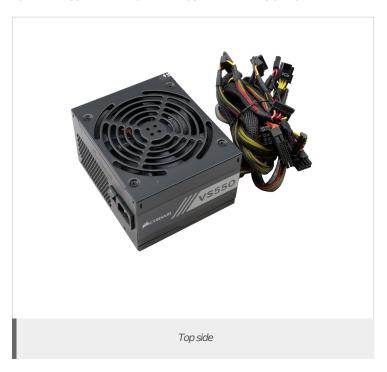
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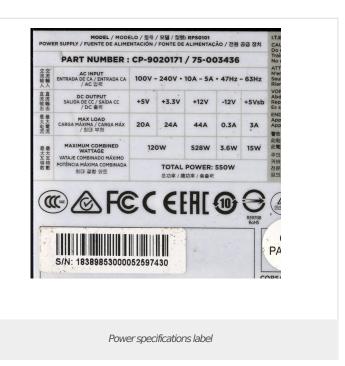
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CERTIFICATIONS 115V







Aristeidis BitziopoulosLab Director

CERTIFICATIONS 230V





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