

Anex

Lab ID#: CR75002424 Receipt Date: Mar 28, 2024 Test Date: Apr 23, 2024

EFFICIENCY AND NOISE LEVEL CERTIFICATIONS

Corsair TX750

Report: 24PS2424A

Report Date: Apr 24, 2024

DUT INFORMATION				
Brand	Corsair			
Manufacturer (OEM)	Great Wall			
Series	ТХ			
Model Number	RPS0207			
Serial Number	A7VFD34832W1FA			
DUT Notes	CP-9020288, Not Properly Configured OCP/OPP			

DUT SPECIFICATIONS					
Rated Voltage (Vrms)	100-240				
Rated Current (Arms)	10-6				
Rated Frequency (Hz)	47-63				
Rated Power (W)	750				
Туре	ATX12V				
Cooling	135mm Fluid Dynamic Bearing Fan (HA13525M12F-Z)				
Semi-Passive Operation	✓				

Fully Modular

TEST EQUIPMENT

Electronic Loads	Chroma 63601-5 x2 Chroma 63600-2 63640-80-80 x10 63610-80-20
AC Sources	Chroma 6530, APM SP300VAC4000W-P
Power Analyzers	RS HMC8015, N4L PPA1530, N4L PPA5530
Oscilloscopes	Picoscope 4444, Rigol DS7014, 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, Keithley 2015 - THD
UPS	FSP Champ Tower 3kVA, CyberPower OLS3000E 3kVA
Isolation Transformer	4kVA

Cable Design

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



Anex

Corsair TX750

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

115V		230
Average Efficiency	88.719%	Avera
Efficiency With 10W (≤500W) or 2% (>500W)	62.457	Avera
Average Efficiency 5VSB	80.574%	Stand
Standby Power Consumption (W)	0.0511000	Avera
Average PF	0.988	Avg N
Avg Noise Output	20.63 dB(A)	Efficier
Efficiency Rating (ETA)	GOLD	Noise
Noise Rating (LAMBDA)	А	

230V	
Average Efficiency	90.929%
Average Efficiency 5VSB	80.262%
Standby Power Consumption (W)	0.1069000
Average PF	0.958
Avg Noise Output	19.72 dB(A)
Efficiency Rating (ETA)	GOLD
Noise Rating (LAMBDA)	A+

POWER SPECIFICATIONS

Rail		3.3V	5V	12V	5VSB	-12V
Max. Power	Amps	25	25	62	3	0.8
	Watts	130		744	15	9.6
Total Max. Power (W)		750				

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

Hold-Up Time (ms)	21.5
AC Loss to PWR_OK Hold Up Time (ms)	18
PWR_OK Inactive to DC Loss Delay (ms)	3.5

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

PAGE 2/16

Cybenetics offers the ETA and Lambda voluntary certification programs, through which the efficient and silent power supplies are promoted



Anex

Corsair TX750

CABLES AND CONNECTORS

Description	Cable Count	Connector Count (Total)	Gauge	In Cable Capacitors
ATX connector 20+4 pin (605mm)	1	1	18-20AWG	No
4+4 pin EPS12V (650mm)	2	2	18AWG	No
6+2 pin PCle (675mm)	1	1	18AWG	No
2 x 6+2 pin PCle (675mm)	1	2	18AWG	No
12+4 pin PCIe (675mm) (600W)	1	1	16-24AWG	No
SATA (105mm+115mm+115mm+115mm)	1	4	18AWG	No
SATA (100mm+115mm+115mm+115mm)	1	4	18AWG	No
4-pin Molex (100mm+115mm+115mm+115mm)	1	4	18AWG	No
AC Power Cord (1375mm) - C13 coupler	1	1	18AWG	-

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 offers the ETA and Lambda voluntary certification programs, through which the efficient and silent power supplies are promoted



Corsair TX750

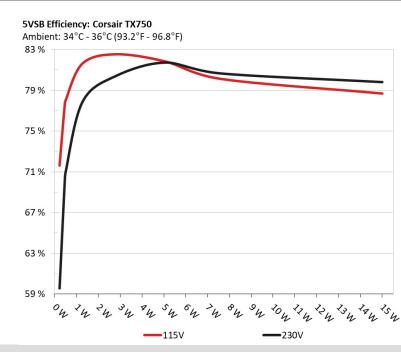
Anex

EFFICIENCY UNDER HIGH AMBIENT TEMPERATURE Efficiency: Corsair TX750 Ambient: 37°C - 47°C (98.6°F - 116.6°F) 92 % 90 % 88 % 86 % 84 % 82 % 80 % 78 % 76 % 74 % 72 % 70 % 68 % \$00 h 04 100 4 200 4 300 4 ×00 h 500 4 600 h 100 / 115V -230V -(EU) No 617/2013 -

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



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

rail with 115V and 230V input

This graph depicts the efficiency levels of the 5VSB

INFO

PAGE 4/16

Cybenetics offers the ETA and Lambda voluntary certification programs, through which the efficient and silent power supplies are promoted



Anex

Corsair TX750

5VSB EFFICIENCY -115V (ERP LOT 3/6 & CEC)					
Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts	
1	0.045A	0.23W	71 6000/	0.029	
1	5.113V	0.321W	71.628%	115.15V	
2	0.09A	0.46W		0.054	
2	5.111V	0.594W	77.437%	115.15V	
2	0.55A	2.802W	82.533%	0.247	
3	5.093V	3.395W		115.17V	
4	1A	5.077W	or 00-71/	0.348	
4	5.076V	6.204W	81.827%	115.16V	
-	1.5A	7.588W	00.1000/	0.405	
5	5.057V	9.47W	80.126%	115.16V	
6	ЗА	14.999W	70.000/	0.477	
6	4.999V	19.062W	78.688%	115.15V	

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

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	0.045A	0.23W	F0 F619/	0.011
	5.113V	0.387W	59.561%	230.38V
2	0.09A	0.46W		0.018
2	5.111V	0.659W	69.798%	230.37V
	0.55A	2.802W	00.41.69/	0.092
3	5.092V	3.485W	80.416%	230.39V
4	1A	5.077W	01 700/	0.155
4	5.076V	6.213W	81.739%	230.39V
F	1.5A	7.587W	00 6720/	0.214
5	5.056V	9.402W	80.673%	230.4V
G	3.001A	15W		0.321
6	4.999V	18.791W	79.817%	230.4V

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

PAGE 5/16

Cybenetics offers the ETA and Lambda voluntary certification programs, through which the efficient and silent power supplies are promoted



Anex

EFFICIENCY AND NOISE LEVEL CERTIFICATIONS

Corsair TX750

115V

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

PAGE 6/16

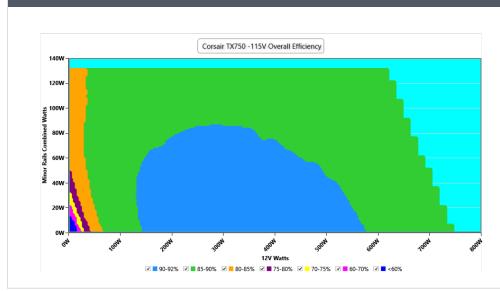
Cybenetics offers the ETA and Lambda voluntary certification programs, through which the efficient and silent power supplies are promoted



Anex

Corsair TX750

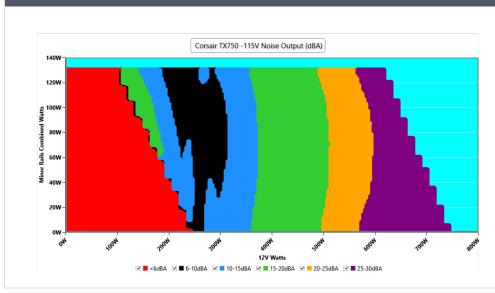
EFFICIENCY GRAPH 115V



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

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

PAGE 7/16

Cybenetics offers the ETA and Lambda voluntary certification programs, through which the efficient and silent power supplies are promoted



Anex

Corsair TX750

VAMPIRE POWER -115V

Detailed Results

	Average	Min	Limit Min	Мах	Limit Max	Result
Mains Voltage RMS:	115.17 V	115.14 V	113.85 V	115.18 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	59.92 Hz	59.40 Hz	60.01 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.415	1.415	1.340	1.416	1.490	PASS
Mains Voltage THD:	0.13%	0.11 %	N/A	0.15 %	2.00 %	PASS
Real Power:	0.051 W	0.045 W	N/A	0.056 W	N/A	N/A
Apparent Power:	10.856 W	10.851 W	N/A	10.860 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

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



Anex

Corsair TX750

10-110% 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	
100/	4.439A	1.995A	1.995A	0.985A	75.009	05 4204	0		44.54°C	0.974	
10%	12.030V	5.013V	3.309V	5.075V	87.8	85.43%	0	<6.0	40.29°C	115.14V	
200/	9.897A	2.994A	2.995A	1.186A	149.978	00 (5 40/	0	-6.0	45.23°C	0.976	
20%	12.031V	5.012V	3.306V	5.061V	167.286	89.654%	0	<6.0	40.69°C	115.13V	
200/	15.712A	3.493A	3.496A	1.387A	224.992	00.0289/	0	-6.0	46.18°C	0.982	
30%	12.024V	5.012V	3.304V	5.048V	247.416	90.938%	0	<6.0	41.12°C	115.1V	
400/	21.546A	3.994A	3.999A	1.59A	300.09	01.0070/	610	10.4	41.94°C	0.987	
40%	12.015V	5.009V	3.302V	5.033V	329.525	91.067%	619	18.4	47.49°C	115.08V	
F00/	27.007A	4.995A	5.003A	1.794A	374.755	00.020%	C 4 4	10.0	42.06°C	0.99	
50%	12.006V	5.007V	3.299V	5.018V	412.143	90.928%	644	19.6	48.13°C	115.06V	
CO 0/	32.494A	5.995A	6.008A	2A	449.695	00 5210/	710	22.0	42.94°C	0.993	
60%	11.998V	5.006V	V 3.296V 5.003V	496.734	90.531%	719	22.9	49.47°C	115.04V		
700/	37.986A	6.995A	7.015A	2.206A	524.639	00.0000/	004	26.5	43.03°C	0.994	
70%	11.992V	5.005V	3.294V	4.987V	583.138	89.969%	804		50.03°C	115.02V	
000/	43.547A	7.995A	8.022A	2.312A	599.812	00 210/	000	20.6	43.53°C	0.995	
80%	11.985V	5.004V	3.291V	4.976V	671.605	89.31%	890	29.6	51.62°C	115V	
000/	49.440A	8.495A	8.512A	2.417A	674.779	00 (1 40/	000	22.2	44.31°C	0.996	
90%	11.979V	5.003V	3.289V	4.966V	761.482	88.614%	990	33.2	53.39°C	114.96V	
1000/	55.141A	8.996A	9.035A	3.04A	749.963	07.000/	1110	25.0	45.23°C	0.996	
100%	11.974V	5.003V	3.287V	4.936V	855.244	87.69%	1110	35.9	55.42°C	114.93V	
1100/	60.719A	9.996A	10.137A	3.045A	824.976	00 0020/	1242	20.2	46.77°C	0.997	
110%	11.968V	5.002V	3.285V	4.927V	952.591	86.603%	1242	39.3	57.68°C	114.91V	
0.1	0.116A	15.614A	15.643A	0A	131.297	02 7200/	0	-6.0	46.91°C	0.978	
CL1	12.032V	5.015V	3.298V	5.094V	158.708	82.728%	0	<6.0	41.17°C	115.11V	
	0.116A	24.902A	0A	0A	126.387	01 1100/	0	-6.0	49.04°C	0.978	
CL2	12.039V	5.019V	3.313V	5.102V	155.805	81.119%	0	<6.0	42.01°C	115.11V	
	0.116A	0A	25.063A	0A	83.887	74 2000/	0	-6.0	51.15℃	0.979	
CL3	12.038V	5.022V	3.291V	5.097V	112.769	74.389%	0	<6.0	41.37°C	115.12V	
	62.539A	0A	0A	0A	749.68	00.4000/	1110	25.0	45.57°C	0.996	
CL4	11.987V	5.012V	3.298V	5.056V	847.111	88.498%	1110	35.9	56.46°C	114.93V	

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

PAGE 9/16

Cybenetics offers the ETA and Lambda voluntary certification programs, through which the efficient and silent power supplies are promoted



Anex

Corsair TX750

20-80W LOAD TESTS 115V									
12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
1.234A	0.499A	0.498A	0.196A	20.004	CO 4000/	0	-6.0	39.68°C	0.893
12.044V	5.013V	3.311V	5.107V	29.203	68.499%	0	<0.0	36.59°C	115.15V
2.718A	0.698A	0.698A	0.294A	40.003	70.0000/	0	<6.0	40.83°C	0.945
12.029V	5.013V	3.311V	5.102V	50.027	79.962%			37.53°C	115.15V
4.201A	0.898A	0.897A	0.393A	60.003	04.0400/	0	<6.0	42.09°C	0.959
12.028V	5.013V	3.31V	5.097V	71.222	84.249%	0		38.44°C	115.15V
5.682A	1.097A	1.097A	0.491A	79.97			<6.0	43.13°C	0.975
12.028V	5.014V	3.31V	5.092V	92.386	80.302%	U		39.26°C	115.14V
	12V 1.234A 12.044V 2.718A 12.029V 4.201A 12.028V 5.682A	12V 5V 1.234A 0.499A 12.044V 5.013V 2.718A 0.698A 12.029V 5.013V 4.201A 0.898A 12.028V 5.013V 5.682A 1.097A	12V 5V 3.3V 1.234A 0.499A 0.498A 12.044V 5.013V 3.311V 2.718A 0.698A 0.698A 12.029V 5.013V 3.311V 4.201A 0.898A 0.897A 12.028V 5.013V 3.31V 5.682A 1.097A 1.097A	12V5V3.3V5VSB1.234A0.499A0.498A0.196A12.044V5.013V3.311V5.107V2.718A0.698A0.698A0.294A12.029V5.013V3.311V5.102V4.201A0.898A0.897A0.393A12.028V5.013V3.31V5.097V5.682A1.097A1.097A0.491A	12V5V3.3V5VSBDC/AC (Watts)1.234A0.499A0.498A0.196A20.00412.044V5.013V3.311V5.107V29.2032.718A0.698A0.698A0.294A40.00312.029V5.013V3.311V5.102V50.0274.201A0.898A0.897A0.393A60.00312.028V5.013V3.31V5.097V71.2225.682A1.097A1.097A0.491A79.97	12V 5V 3.3V 5VSB DC/AC (Watts) Efficiency 1.234A 0.499A 0.498A 0.196A 20.004 88.499% 12.044V 5.013V 3.311V 5.107V 29.203 88.499% 2.718A 0.698A 0.698A 0.294A 40.003 79.962% 12.029V 5.013V 3.311V 5.102V 50.027 79.962% 12.029V 5.013V 3.311V 5.102V 50.027 99.62% 12.028V 5.013V 3.31V 5.097V 71.222 84.249% 12.028V 5.013V 3.31V 5.097V 71.222 86.562%	12V5V3.3V5VSB DC/AC (Watts)EfficiencyFan Speed (RPM)1.234A0.499A0.498A0.196A20.004 68.499% 0 12.044V5.013V3.311V5.107V29.203 68.499% 0 2.718A0.698A0.698A0.294A40.003 79.962% 0 12.029V5.013V3.311V5.102V50.027 79.962% 0 4.201A0.898A0.897A0.393A60.003 84.249% 0 12.028V5.013V3.31V5.097V71.222 84.249% 0 5.682A1.097A1.097A0.491A79.97 86.562% 0	12V 5V 3.3V 5VSB DC/AC (Watts) Efficiency Fan Speed (RPM) PSU Noise (dB[A]) 1.234A 0.499A 0.498A 0.196A 20.004 $a.8499\%$ 0 $a.60$ 12.044V 5.013V 3.311V 5.107V 29.203 $a.8499\%$ 0 $a.60$ 2.718A 0.698A 0.698A 0.294A 40.003 $P.9962\%$ 0 $a.60$ 12.029V 5.013V 3.311V 5.102V 50.027 $P.9962\%$ 0 $a.60$ 4.201A 0.898A 0.897A 0.393A 60.003 $a.4249\%$ 0 $a.60$ 12.028V 5.013V 3.31V 5.097V 71.222 $a.6.0$ $a.6.0$ 12.028V 5.013V 3.31V 5.097V 71.222 $a.6.562\%$ 0 $a.6.0$	12V 5V 3.3V 5VSB DC/AC (Watts) Efficiency Fan Speed (RPM) PSU Noise (dB[A]) Temps (in/Out) 1.234A 0.499A 0.498A 0.196A 20.004 68.499% 0 -6.0 39.68° C 12.044V 5.013V 3.311V 5.107V 29.203 68.499% 0 -6.0 36.59° C 2.718A 0.698A 0.698A 0.294A 40.003 79.962% 0 -6.0 40.83° C 12.029V 5.013V 3.311V 5.102V 50.027 79.962% 0 -6.0 40.83° C 4.201A 0.898A 0.897A 0.393A 60.003 84.249% 0 -6.0 42.09° C 12.028V 5.013V 3.31V 5.097V 71.222 86.562% 0 -6.0 43.13° C

RIPPLE MEASUREMENTS 115V

12V	5V	3.3V	5VSB	Pass/Fail
8.5 mV	5.7 mV	4.1 mV	5.5 mV	Pass
19.1 mV	6.1 mV	4.2 mV	6.4 mV	Pass
11.1 mV	6.0 mV	4.3 mV	6.6 mV	Pass
10.8 mV	6.2 mV	4.4 mV	7.0 mV	Pass
11.8 mV	8.4 mV	5.1 mV	7.3 mV	Pass
12.1 mV	7.4 mV	4.7 mV	7.6 mV	Pass
13.0 mV	7.3 mV	4.8 mV	8.3 mV	Pass
13.6 mV	7.8 mV	7.8 mV	9.4 mV	Pass
14.5 mV	7.6 mV	7.8 mV	9.2 mV	Pass
20.5 mV	8.7 mV	8.8 mV	11.6 mV	Pass
22.1 mV	9.5 mV	8.9 mV	12.1 mV	Pass
25.5 mV	7.7 mV	9.4 mV	5.7 mV	Pass
19.0 mV	6.4 mV	4.0 mV	5.3 mV	Pass
13.5 mV	6.1 mV	10.2 mV	5.4 mV	Pass
20.8 mV	8.2 mV	5.3 mV	8.2 mV	Pass
	 8.5 mV 19.1 mV 11.1 mV 10.8 mV 11.8 mV 12.1 mV 13.0 mV 13.6 mV 20.5 mV 22.1 mV 25.5 mV 19.0 mV 13.5 mV 	8.5 mV 5.7 mV 19.1 mV 6.1 mV 11.1 mV 6.0 mV 10.8 mV 6.2 mV 11.8 mV 8.4 mV 12.1 mV 7.4 mV 13.0 mV 7.3 mV 13.0 mV 7.8 mV 13.6 mV 9.5 mV 12.1 mV 6.1 mV 13.0 mV 7.3 mV 13.0 mV 7.7 mV 13.0 mV 9.5 mV 14.5 mV 9.5 mV 14.5 mV 6.1 mV	85 mV 5.7 mV 4.1 mV 19.1 mV 6.1 mV 4.2 mV 11.1 mV 6.0 mV 4.3 mV 10.8 mV 6.2 mV 4.4 mV 11.8 mV 8.4 mV 5.1 mV 12.1 mV 7.4 mV 4.7 mV 13.0 mV 7.3 mV 4.8 mV 13.6 mV 7.8 mV 7.8 mV 14.5 mV 8.7 mV 8.8 mV 20.5 mV 8.7 mV 8.8 mV 19.0 mV 6.4 mV 4.0 mV	8.5 mV 5.7 mV 4.1 mV 5.5 mV 19.1 mV 6.1 mV 4.2 mV 6.4 mV 11.1 mV 6.0 mV 4.3 mV 6.6 mV 10.8 mV 6.2 mV 4.4 mV 7.0 mV 10.8 mV 6.2 mV 4.4 mV 7.0 mV 11.1 mV 6.2 mV 4.4 mV 7.0 mV 11.8 mV 8.4 mV 5.1 mV 7.3 mV 12.1 mV 7.4 mV 4.7 mV 7.6 mV 13.0 mV 7.3 mV 4.8 mV 8.3 mV 13.6 mV 7.8 mV 7.8 mV 9.4 mV 14.5 mV 7.6 mV 7.8 mV 9.2 mV 205 mV 8.7 mV 8.8 mV 11.6 mV 21 mV 9.5 mV 8.9 mV 12.1 mV 25.5 mV 7.7 mV 9.4 mV 5.3 mV 19.0 mV 6.4 mV 4.0 mV 5.3 mV 13.5 mV 6.1 mV 10.2 mV 5.4 mV

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

PAGE 10/16

Cybenetics offers the ETA and Lambda voluntary certification programs, through which the efficient and silent power supplies are promoted



Anex

EFFICIENCY AND NOISE LEVEL CERTIFICATIONS

Corsair TX750

230V

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

PAGE 11/16

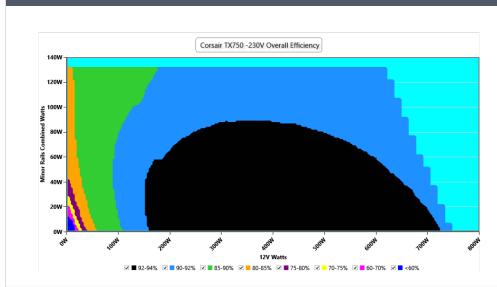
Cybenetics offers the ETA and Lambda voluntary certification programs, through which the efficient and silent power supplies are promoted



Corsair TX750

Anex

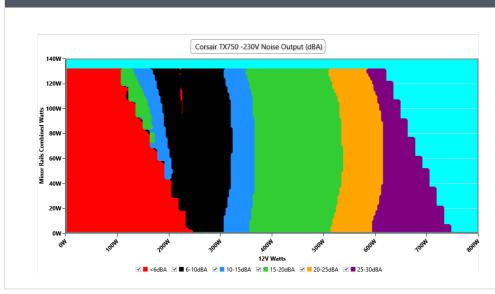
EFFICIENCY GRAPH 230V



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 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

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

PAGE 12/16

Cybenetics offers the ETA and Lambda voluntary certification programs, through which the efficient and silent power supplies are promoted



Anex

Corsair TX750

VAMPIRE POWER -230V

Detailed Results

	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	230.38 V	230.36 V	227.70 V	230.41 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	1.415	1.490	PASS
Mains Voltage THD:	0.14 %	0.13 %	N/A	0.16 %	2.00 %	PASS
Real Power:	0.107 W	0.089 W	N/A	0.135 W	N/A	N/A
Apparent Power:	36.265 W	36.253 W	N/A	36.275 W	N/A	N/A
Power Factor:	0.003	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

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



Anex

Corsair TX750

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	
109/	4.438A	1.995A	1.994A	0.986A	75.007	06 7EE0/	<u>^</u>	<6.0	44.45°C	0.844	
10%	12.032V	5.015V	3.31V	5.075V	86.457	86.755%	0		40.23°C	230.38V	
200/	9.894A	2.993A	2.994A	1.186A	149.964	91.07%	0	<6.0	45.35°C	0.925	
20%	12.033V	5.014V	3.307V	5.061V	164.671	91.07%	0	<0.0	40.86°C	230.37V	
30%	15.708A	3.492A	3.495A	1.387A	224.965	92.515%	0	<6.0	46.28°C	0.951	
	12.026V	5.013V	3.305V	5.047V	243.166	92.515%	0	<0.0	41.22°C	230.35V	
400/	21.542A	3.993A	3.998A	1.59A	300.048	02 7060/	620	10/	41.93°C	0.965	
40%	12.016V	5.01V	3.302V	5.032V	323.342	92.796%	620	18.4	47.5℃	230.34V	
E00/	26.990A	4.993A	5.001A	1.794A	374.577	92.872%	644	10.6	42.23°C	0.971	
50%	12.007V	5.008V	3.299V	5.018V	403.327	92.872%	644	19.6	48.27°C	230.32V	
CO 0/	32.474A	5.993A	6.006A	1.999A	449.497	92.705%	700	22.7	42.73°C	0.976	
60%	12.000V	5.007V	3.297V	5.003V	484.872		708		49.36°C	230.31V	
700/	37.964A	6.993A	7.012A	2.206A	524.428	02 41 20/	700	26.4	43.23°C	0.981	
70%	11.993V	5.006V	3.294V	4.988V	567.487	92.413%	799		50.32°C	230.3V	
000/	43.525A	3.525A 7.992A 8.019A 2.311	2.311A	599.629	02.0200/	894	29.7	43.95°C	0.983		
80%	11.987V	5.005V	3.292V	4.976V	651.505	92.038%	894	29.7	52.08°C	230.29V	
000/	49.426A	8.493A	8.51A	2.417A	674.662	01 (270/	007	22.4	44.27°C	0.985	
90%	11.981V	5.004V	3.29V	4.965V	736.231	91.637%	997	33.4	53.33°C	230.27V	
1000/	55.131A	8.994A	9.033A	3.04A	749.88	01.00.40/	1114	26.0	45.11°C	0.987	
100%	11.975V	5.003V	3.288V	4.935V	823.281	91.084%	1114	36.0	55.21°C	230.26V	
1100/	60.711A	9.995A	10.135A	3.045A	824.913	00.41.60/	1045	20.4	46.68°C	0.988	
110%	11.968V	5.002V	3.285V	4.926V	912.357	90.416%	1245	39.4	57.55°C	230.25V	
0.1	0.116A	15.611A	15.641A	0A	131.291	041100/	0	-6.0	45.86°C	0.924	
CL1	12.032V	5.015V	3.299V	5.094V	156.088	84.116%	0	<6.0	40.16°C	230.34V	
	0.116A	24.901A	0A	0A	126.385	02 4 4 70/	0	-6.0	48.64°C	0.922	
CL2	12.038V	5.02V	3.313V	5.101V	153.296	82.447%	0	<6.0	41.33°C	230.34V	
	0.116A	0A	25.06A	0A	83.887	75 (270/	0		50.6°C	0.888	
CL3	12.037V	5.022V	3.292V	5.096V	110.921	75.627%	0	<6.0	40.87°C	230.35V	
	62.544A	0A	0A	0A	749.687	01.0050/	1100	25.0	45.39°C	0.987	
CL4	11.986V	5.011V	3.298V	5.056V	816.075	91.865%	1108	35.8	55.89°C	230.26V	

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 offers the ETA and Lambda voluntary certification programs, through which the efficient and silent power supplies are promoted



Anex

Corsair TX750

20-80W 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
2014	1.232A	0.499A	0.498A	0.196A	19.998	CO 77C 0/	0	<6.0	40.03°C	0.547
20W 12.	12.046V	5.013V	3.311V	5.108V	28.659	69.776%	0		36.91°C	230.35V
40144	2.716A	0.698A 0.698A 0.294A 39.996	0	-6.0	40.33°C	0.715				
40W	12.031V	5.014V	3.311V	5.103V	49.086	81.482%	0	<6.0	37.01°C	230.34V
C0144	4.200A	0.898A	0.897A	0.392A	59.995	05 (70/	0	<6.0	41.95°C	0.8
60W	12.030V	5.014V	3.311V	5.098V	70.03	85.67%	0		38.41°C	230.35V
	5.680A	1.097A	1.096A	0.491A	79.962	07.0420/	0	<6.0	42.79°C	0.853
80W	12.031V	5.015V	3.31V	5.093V	91.039	87.843%	0		39.02°C	230.36V

RIPPLE MEASUREMENTS 230V

12V	5V	3.3V	5VSB	Pass/Fail
8.0 mV	5.5 mV	4.3 mV	5.3 mV	Pass
20.6 mV	5.7 mV	4.4 mV	6.7 mV	Pass
11.4 mV	6.2 mV	4.5 mV	6.7 mV	Pass
11.2 mV	6.3 mV	4.4 mV	7.0 mV	Pass
11.1 mV	9.3 mV	6.2 mV	7.0 mV	Pass
11.8 mV	8.1 mV	4.8 mV	7.5 mV	Pass
12.3 mV	7.0 mV	4.9 mV	8.4 mV	Pass
13.6 mV	7.6 mV	7.7 mV	9.3 mV	Pass
14.0 mV	7.8 mV	7.8 mV	9.6 mV	Pass
20.4 mV	9.7 mV	8.6 mV	11.5 mV	Pass
22.3 mV	9.3 mV	9.8 mV	12.2 mV	Pass
24.7 mV	7.6 mV	9.0 mV	5.7 mV	Pass
20.0 mV	6.3 mV	3.8 mV	5.6 mV	Pass
14.0 mV	6.5 mV	10.2 mV	5.1 mV	Pass
20.9 mV	8.7 mV	5.5 mV	8.4 mV	Pass
	8.0 mV 20.6 mV 11.4 mV 11.2 mV 11.2 mV 11.1 mV 11.8 mV 12.3 mV 13.6 mV 14.0 mV 20.4 mV 22.3 mV 22.3 mV 24.7 mV 20.0 mV	8.0 mV 5.5 mV 20.6 mV 5.7 mV 11.4 mV 6.2 mV 11.1 mV 9.3 mV 11.1 mV 9.3 mV 11.1 mV 9.3 mV 11.3 mV 8.1 mV 12.3 mV 7.0 mV 13.6 mV 7.6 mV 20.4 mV 9.7 mV 22.3 mV 9.3 mV 24.7 mV 6.3 mV 14.0 mV 6.5 mV	8.0 mV 5.5 mV 4.3 mV 20.6 mV 5.7 mV 4.4 mV 11.4 mV 6.2 mV 4.5 mV 11.2 mV 6.3 mV 4.4 mV 11.1 mV 9.3 mV 6.2 mV 11.8 mV 8.1 mV 4.8 mV 12.3 mV 7.0 mV 4.9 mV 13.6 mV 7.6 mV 7.7 mV 14.0 mV 9.7 mV 8.6 mV 22.3 mV 9.3 mV 9.8 mV 20.4 mV 7.6 mV 3.8 mV 14.0 mV 6.3 mV 10.2 mV	8.0 mV 5.5 mV 4.3 mV 5.3 mV 20.6 mV 5.7 mV 4.4 mV 6.7 mV 11.4 mV 6.2 mV 4.5 mV 6.7 mV 11.2 mV 6.3 mV 4.4 mV 7.0 mV 11.1 mV 9.3 mV 6.2 mV 7.0 mV 11.1 mV 9.3 mV 6.2 mV 7.0 mV 11.1 mV 9.3 mV 6.2 mV 7.0 mV 11.8 mV 8.1 mV 4.8 mV 7.5 mV 12.3 mV 7.0 mV 4.9 mV 8.4 mV 13.6 mV 7.6 mV 7.7 mV 9.3 mV 14.0 mV 7.8 mV 7.8 mV 9.6 mV 20.4 mV 9.7 mV 8.6 mV 11.5 mV 22.3 mV 9.3 mV 9.8 mV 12.2 mV 24.7 mV 7.6 mV 9.0 mV 5.7 mV 20.0 mV 6.3 mV 3.8 mV 5.6 mV 14.0 mV 6.5 mV 10.2 mV 5.1 mV

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

PAGE 15/16

Cybenetics offers the ETA and Lambda voluntary certification programs, through which the efficient and silent power supplies are promoted



Anex

Corsair TX750



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

PAGE 16/16