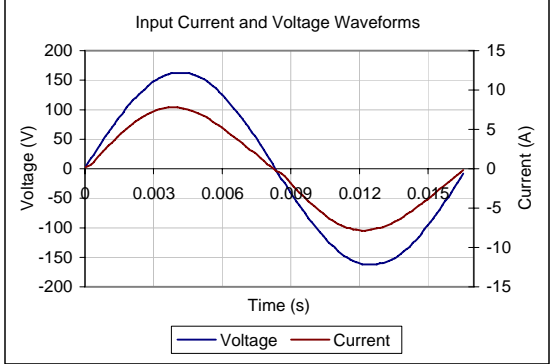


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	84.41%
AVERAGE EFFICIENCY :	82.23%
80 PLUS COMPLIANT:	YES



Ecos ID #	592
Manufacturer	CORSAIR
Model Number	CMPSU-520HX
Serial Number	R0710A91020727
Year	2008
Type	ATX12V & EPS12V
Test Date	3/4/2008

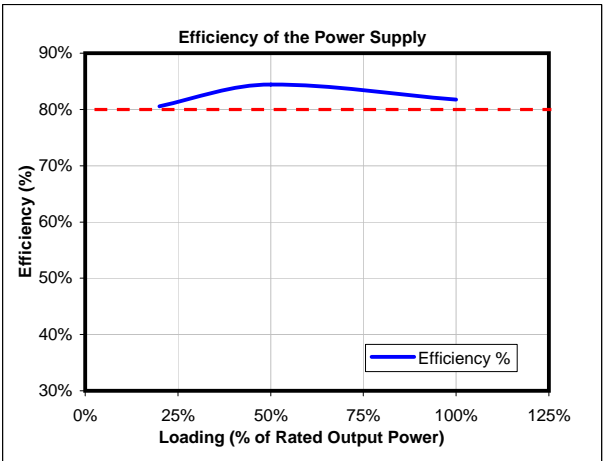
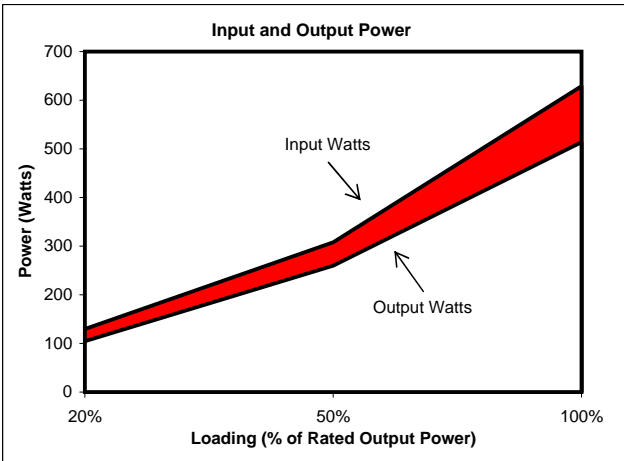


Input AC Current Waveform (ITHD = 5.44%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9	Amps
Input Frequency	50/60	Hz
Rated Output Power	520	Watts

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency %	
						12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V*			5VSB
1.14	0.99	6.5%	20%	Light	130	12.1/6.5	11.9/0.1	3.3/2.7	5/2.7	4.9/0.5	105	80.54%
2.69	1.00	5.4%	50%	Typical	308	12/16.2	12/0.3	3.3/6.8	4.9/6.8	4.8/1.2	260	84.41%
5.48	1.00	4.9%	100%	Full	629	11.9/32.4	12.1/0.6	3.2/13.6	4.9/13.6	4.7/2.4	514	81.75%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS® Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>

