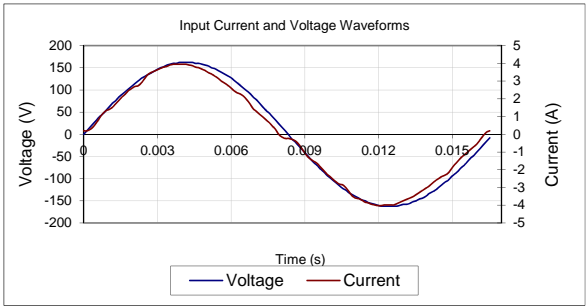


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	88.25%
AVERAGE EFFICIENCY :	86.45%
80 PLUS COMPLIANT:	YES



Ecos ID #	4519
Manufacturer	Corsair
Model Number	RPS0028 (CP-9020102) (CX550M)
Serial Number	N/A
Year	2016
Type	ATX12V
Test Date	1/8/16

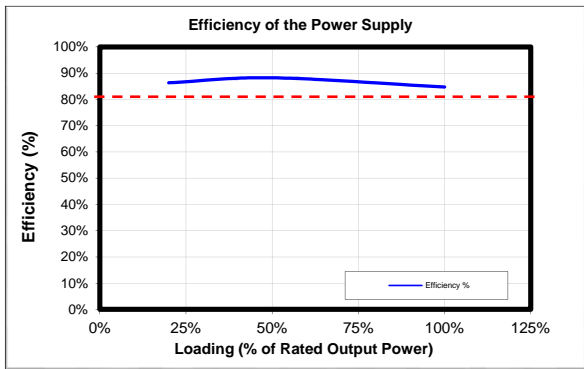
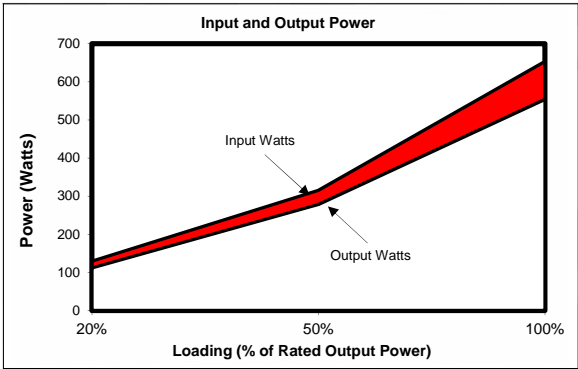


Input AC Current Waveform (ITHD = 6.51%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	47-63	Hz
Rated Output Power	550	Watts

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

I _{RMS} A	PF	I _{THD} (%)	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
0.65	0.93	22.68%	10%	69.24	12.15/3.64	12.26/0.06	3.32/1.3	5.09/1.04	5.09/0.24	55.75	80.52%
1.15	0.98	14.21%	20%	129.21	12.14/7.28	12.27/0.13	3.32/2.6	5.08/2.07	5.08/0.48	111.57	86.35%
2.75	1.00	6.51%	50%	315.50	12.12/18.2	12.31/0.32	3.32/6.51	5.08/5.17	5.05/1.19	278.42	88.25%
5.70	1.00	5.21%	100%	653.80	12.07/36.32	12.36/0.63	3.32/12.98	5.08/10.34	5.11/2.38	554.07	84.75%



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/>

