

80 PLUS Verification and Testing Report

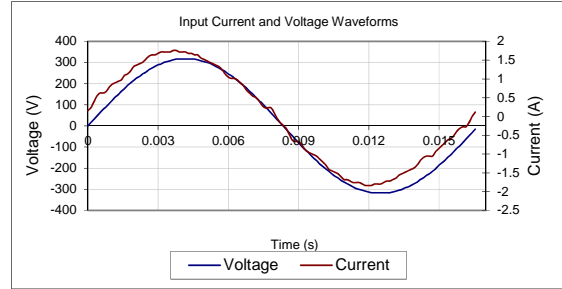
TYPICAL EFFICIENCY (50% Load):	94.34%
AVERAGE EFFICIENCY :	93.50%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-1082
Manufacturer	China Great Wall Computer Shenzhen Co., LTD.
Model Number	GW-CRPS550B
Serial Number	N/A
Year	2015
Type	1U
Test Date	3/15/16

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7-3.5	Amps
Input Frequency	60/50	Hz
Rated Output Power	550	Watts

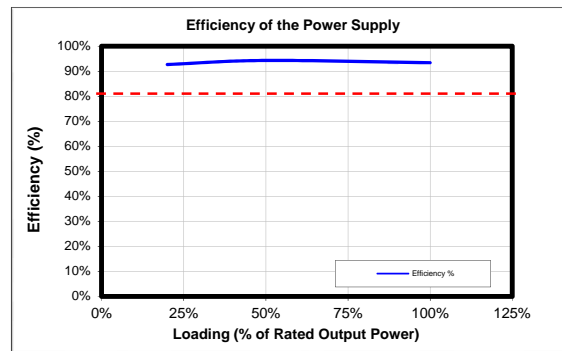
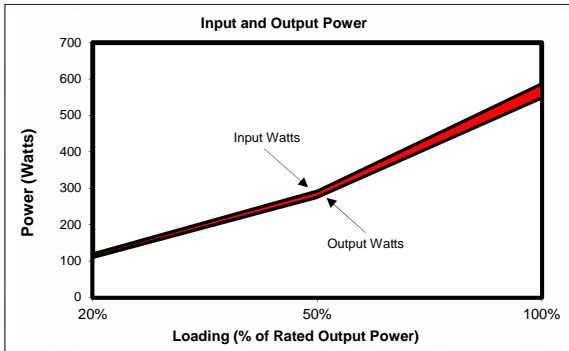
Note: All measurements were taken with input voltage at 230 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 3.66%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	Fan Power (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency %
						12V	12Vsb		
0.36	0.75	9.97%	10%	62.30	0.00	12.01/4.3	11.98/0.29	55.15	88.52%
0.57	0.90	5.28%	20%	118.83	0.00	12.01/8.61	11.97/0.57	110.18	92.72%
1.30	0.98	3.66%	50%	291.70	0.00	11.99/21.53	11.93/1.43	275.18	94.34%
2.57	0.99	2.36%	100%	587.00	0.00	11.96/43.02	11.88/2.86	548.45	93.43%

* Fan power is not included in the efficiency calculations



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/>

