

80 PLUS Verification and Testing Report

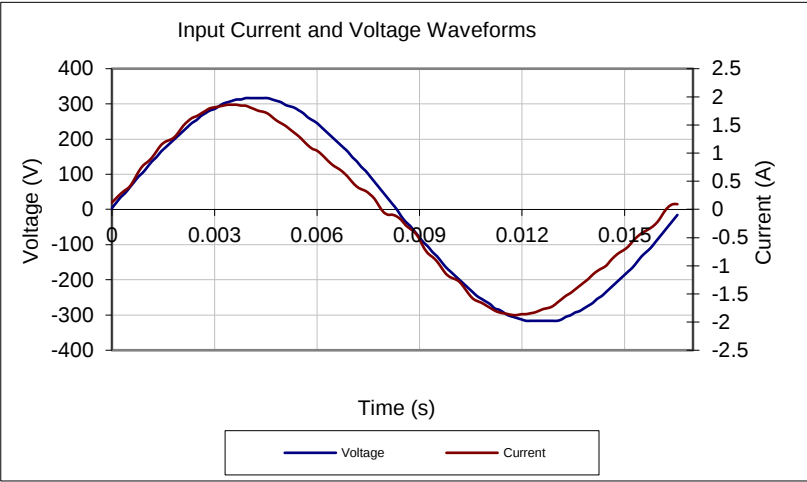
TYPICAL EFFICIENCY (50% Load):	94.77%
AVERAGE EFFICIENCY :	93.75%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-503.2
Manufacturer	China Great Wall Computer Shenzhen
Model Number	GW-CRPS550N
Serial Number	N/A
Year	2012
Type	OTHER CRPS
Test Date	11/29/12

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

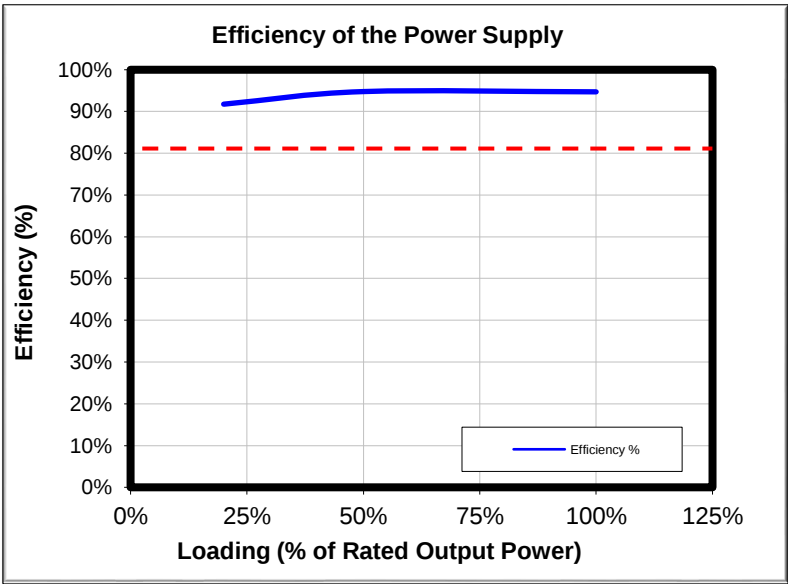
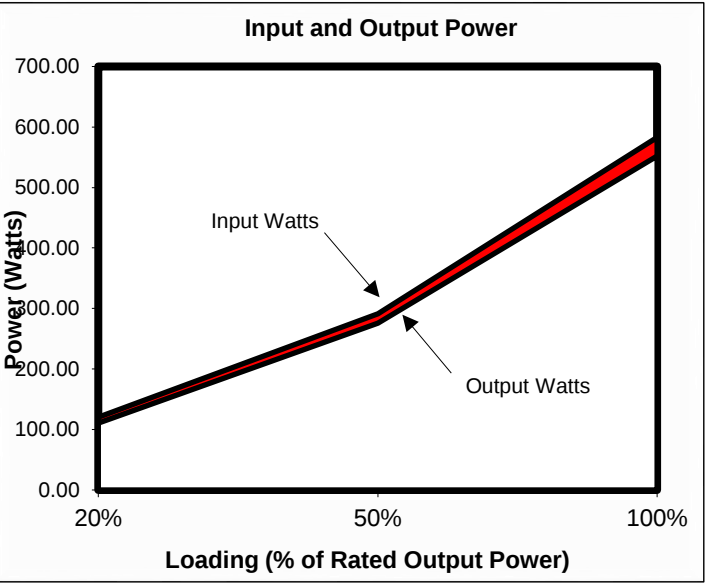
Note: All measurements were taken with input voltage at 230 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 7.8%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency %
						12V (cumulative of 12V1, 12V2, etc.)	12Vsb		
0.35	0.87	14.30%	10%	69.27	4.00	12/4.3	11.8/0.3	54.95	79.33%
0.55	0.95	10.05%	20%	120.27	4.00	12/8.6	11.8/0.6	110.35	91.76%
1.29	0.98	7.80%	50%	291.20	4.00	12/21.6	11.7/1.4	275.98	94.77%
2.55	0.99	5.78%	100%	582.80	4.00	12/43.1	11.7/2.9	551.96	94.71%

* 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/>

