

80 PLUS Verification and Testing Report

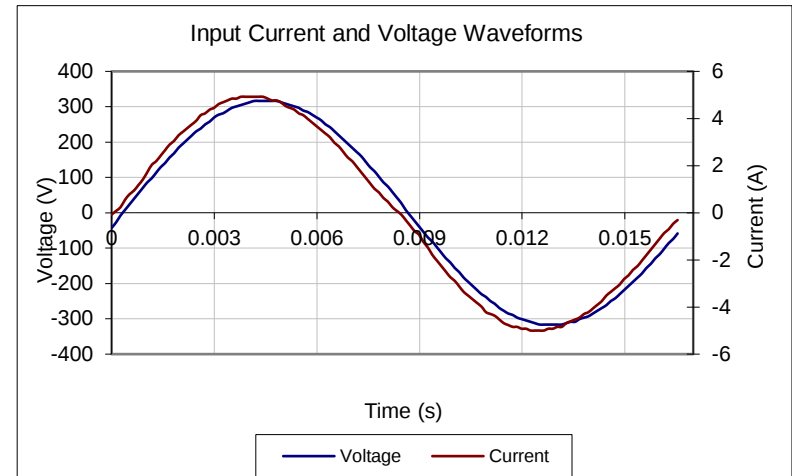
TYPICAL EFFICIENCY (50% Load):	94.42%
AVERAGE EFFICIENCY :	93.36%
80 PLUS COMPLIANT:	YES



ID Number	SO-1232
Manufacturer	China Great Wall Computer Shenzhen Co.,LTD.
Model Number	GW-CRPS1600D
Serial Number	N/A
Year	2017
Type	OTHER
Test Date	01/31/17

Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	9.5	Amps
Input Frequency	60/50	Hz
Rated Output Power	1,600	Watts

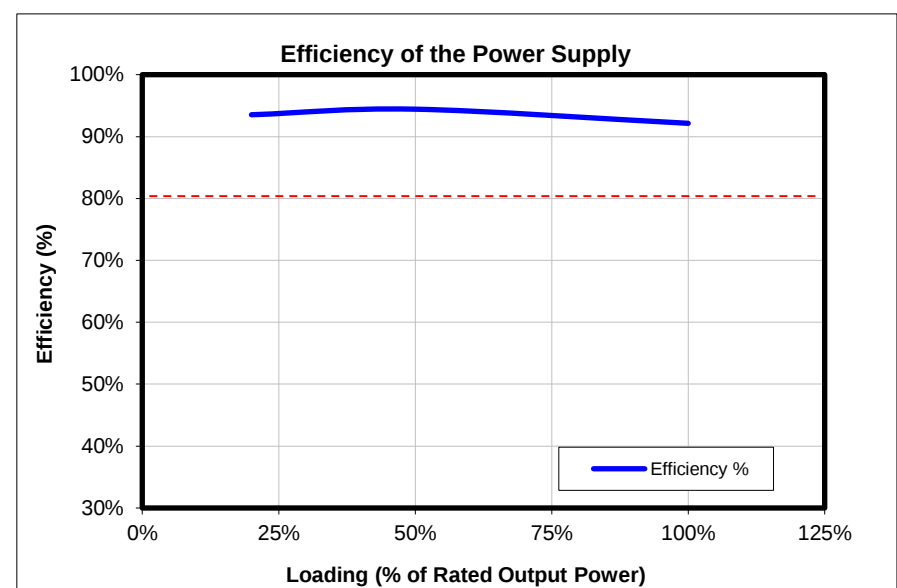
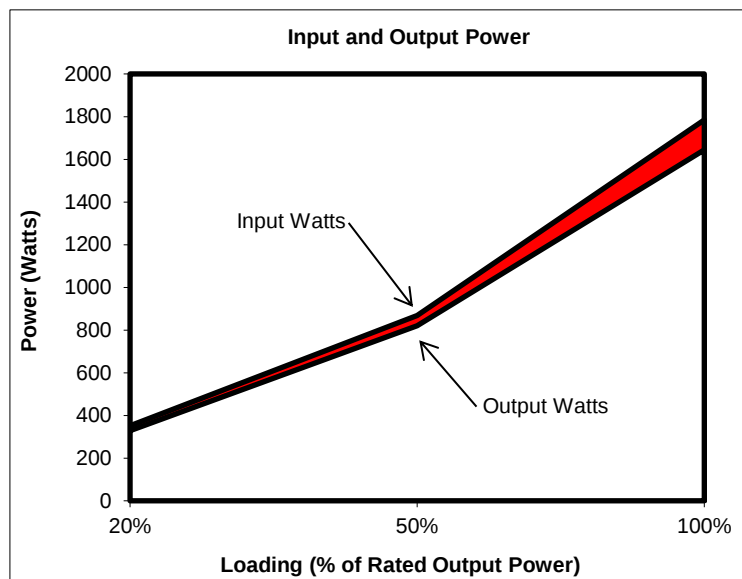
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 2.79%, 50% Load)

I_{RMS} A	PF	I_{THD} (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency %
							12V	12Vsb		
0.80	0.98	10.62	10%	Low	182	1.92	12.27/13.07	12.25/0.3	164	90.39%
1.53	0.99	6.30	20%	Light	351	2.04	12.26/26.14	12.24/0.6	328	93.52%
3.79	1.00	2.79	50%	Typical	869	3.00	12.28/65.35	12.25/1.49	821	94.42%
7.76	1.00	1.93	100%	Full	1785	7.56	12.3/130.67	12.26/2.98	1644	92.14%

* 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/>

