

80 PLUS Verification and Testing Report

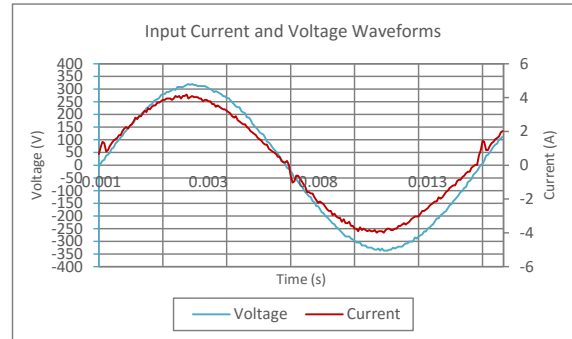
TYPICAL EFFICIENCY (50% Load):	94.65%
AVERAGE EFFICIENCY :	93.42%
80 PLUS COMPLIANT:	YES



ID Number	SO-1298
Manufacturer	China Great Wall Technology Group Co.,LTD.
Model Number	GW-CRPS1200D
Serial Number	N/A
Year	2017
Type	OTHER
Test Date	08/14/17

Rated Specifications	Value	Units
Input Voltage	100-127 / 200-240	Volts
Input Current	12 / 7.5	Amps
Input Frequency	60/50	Hz
Rated Output Power	1,200	Watts

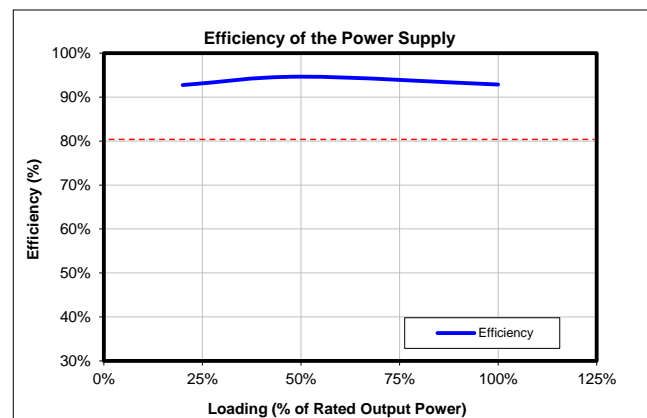
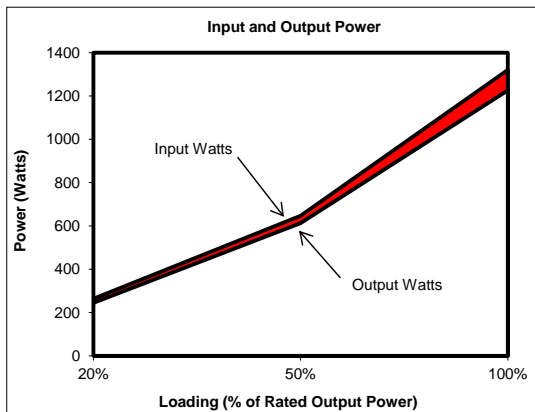
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 0.0413%, 50% Load)

I _{RMS}	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		
0.65	0.95	8.50%	10%	Low	143	0.84	12.22/9.73	12.2/0.29	122	85.92%
1.16	0.99	8.46%	20%	Light	264	0.84	12.21/19.47	12.19/0.59	245	92.75%
2.82	1.00	4.13%	50%	Typical	647	1.80	12.22/48.66	12.2/1.46	613	94.65%
5.75	1.00	2.94%	100%	Full	1321	7.44	12.23/97.31	12.2/2.93	1226	92.86%

* 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/>

