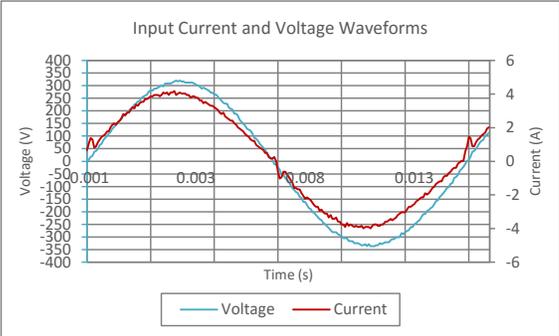


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>94.65%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>93.42%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



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



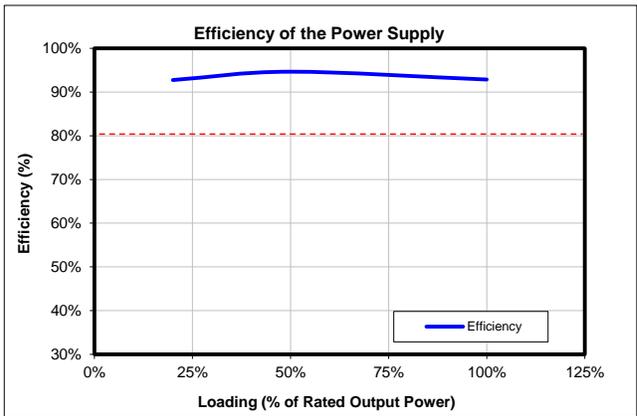
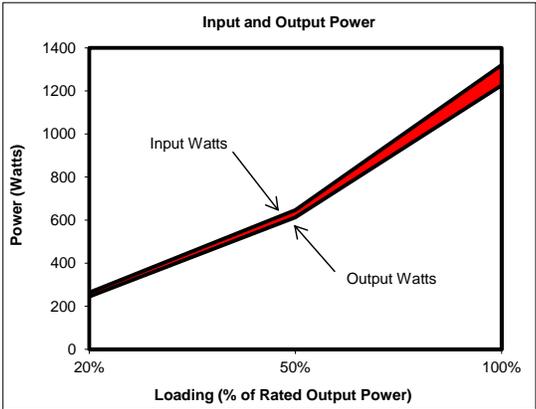
Rated Specifications	Value	Units
Input Voltage	100-127 / 200-240	Volts
Input Current	12 / 7.5	Amps
Input Frequency	60/50	Hz
<b>Rated Output Power</b>	<b>1,200</b>	<b>Watts</b>

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 <sub>RMS</sub>	PF	I <sub>THD</sub>	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<sup>®</sup> 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/>

