

80 PLUS Verification and Testing Report

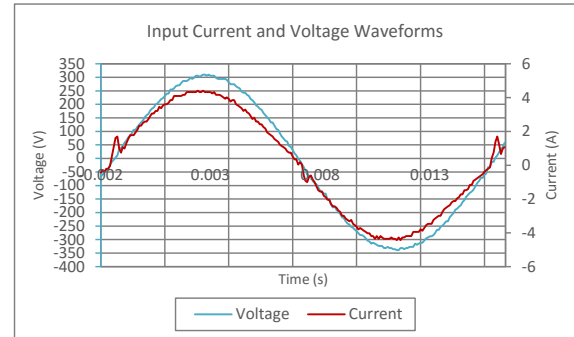
TYPICAL EFFICIENCY (50% Load):	94.53%
AVERAGE EFFICIENCY :	93.51%
80 PLUS COMPLIANT:	YES



ID Number	SO-1286
Manufacturer	China Great Wall Technology Group Co.,LTD.
Model Number	GW-CRPS1300D
Serial Number	N/A
Year	2017
Type	OTHER
Test Date	07/07/17

Rated Specifications	Value	Units
Input Voltage	100-127 / 200-240	Volts
Input Current	12 / 8	Amps
Input Frequency	60/50	Hz
Rated Output Power	1,300	Watts

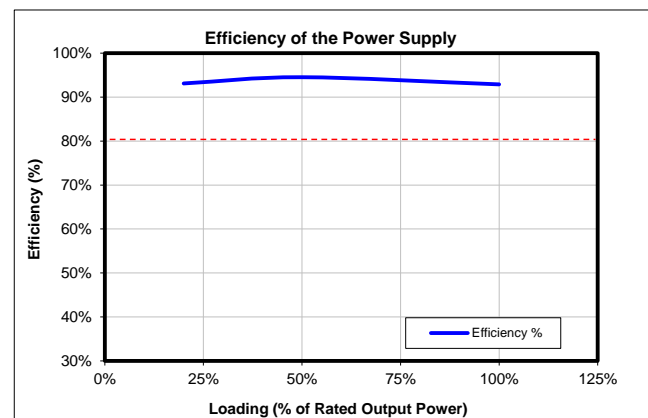
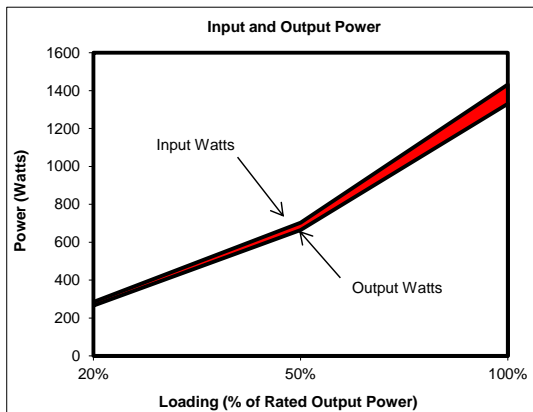
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.61%, 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		
0.69	0.96	7.44	10%	Low	152	1.68	12.22/10.56	12.2/0.3	133	87.59%
1.25	0.99	7.96	20%	Light	285	2.04	12.21/21.13	12.19/0.6	265	93.11%
3.06	1.00	3.61	50%	Typical	702	3.00	12.23/52.81	12.2/1.49	664	94.53%
6.23	1.00	2.19	100%	Full	1432	10.68	12.25/105.61	12.21/2.97	1330	92.90%

* 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/>

