

80 PLUS Verification and Testing Report

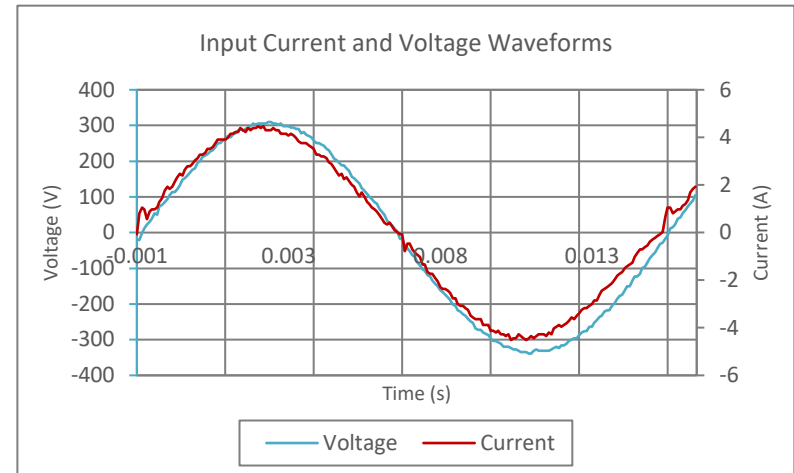
TYPICAL EFFICIENCY (50% Load):	94.52%
AVERAGE EFFICIENCY :	93.52%
80 PLUS COMPLIANT:	YES



ID Number	SO-1889.1
Manufacturer	CHINA GREATWALL TECHNOLOGY GROUP CO., LTD.
Model Number	GW-CRPS1300D2
Serial Number	N/A
Year	2021
Type	CRPS
Test Date	04/28/21

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

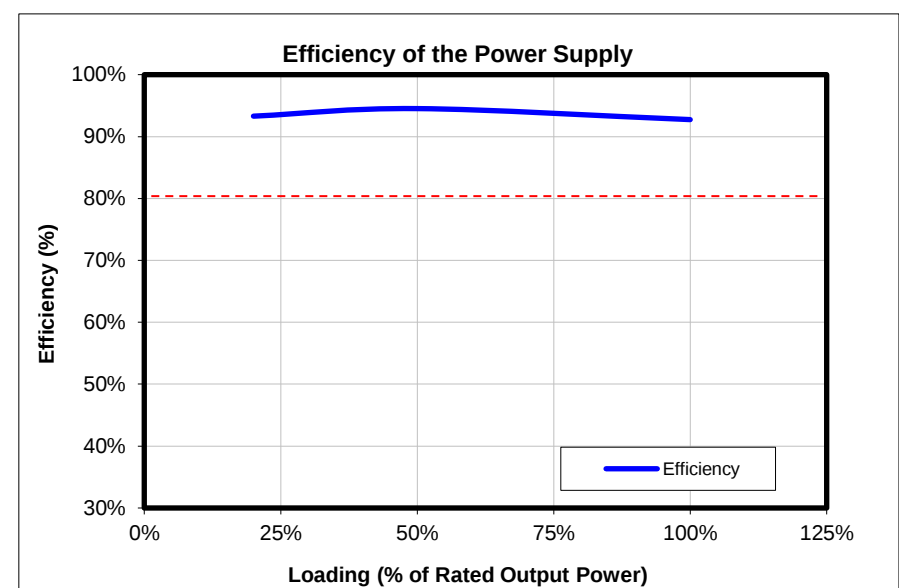
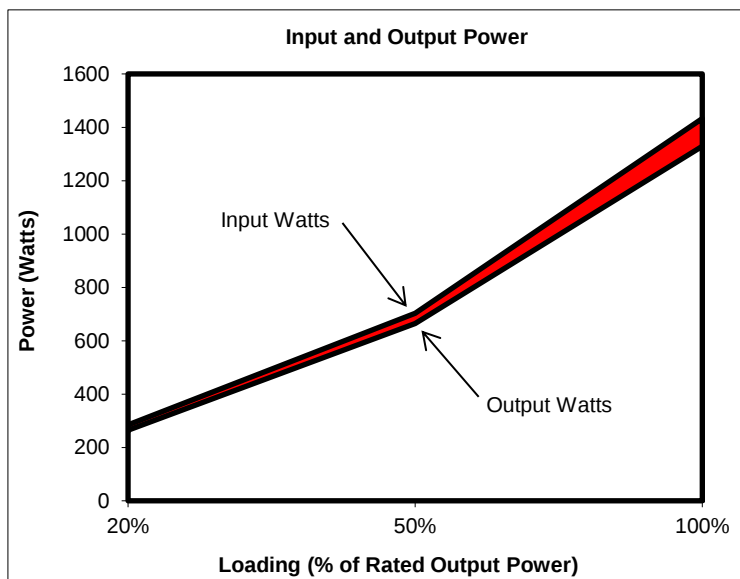
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.34%, 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		
0.68	0.95	8.19%	10%	Low	148	2.52	12.2/10.56	12.18/0.3	132	89.62%
1.25	0.98	7.89%	20%	Light	284	2.52	12.21/21.13	12.18/0.59	265	93.29%
3.07	1.00	3.34%	50%	Typical	702	2.52	12.22/52.81	12.2/1.48	664	94.52%
6.24	1.00	2.84%	100%	Full	1433	6.72	12.24/105.62	12.19/2.97	1329	92.74%

* 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/>