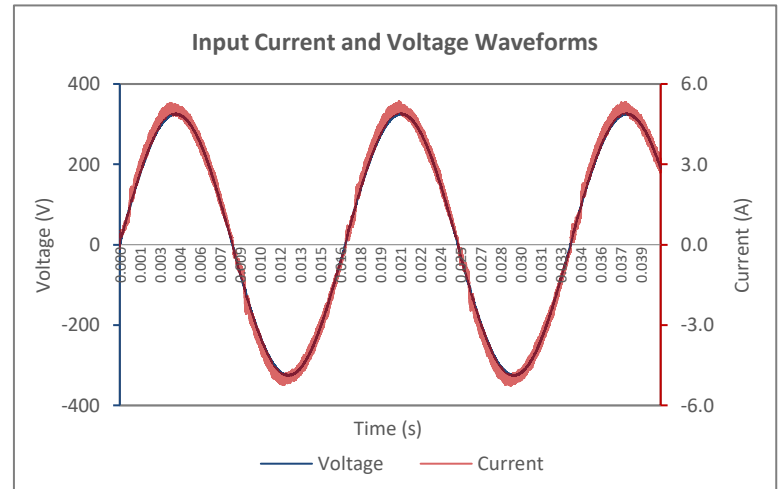


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	96.30%
AVERAGE EFFICIENCY :	94.82%
80 PLUS COMPLIANT:	Titanium



ID Number	SO-2393
Manufacturer	Great Wall Power Supply Technology Co., Ltd.
Model Number	CRPS1600C2W
Serial Number	20010171970
Type	CRPS
Test Date	02/08/24



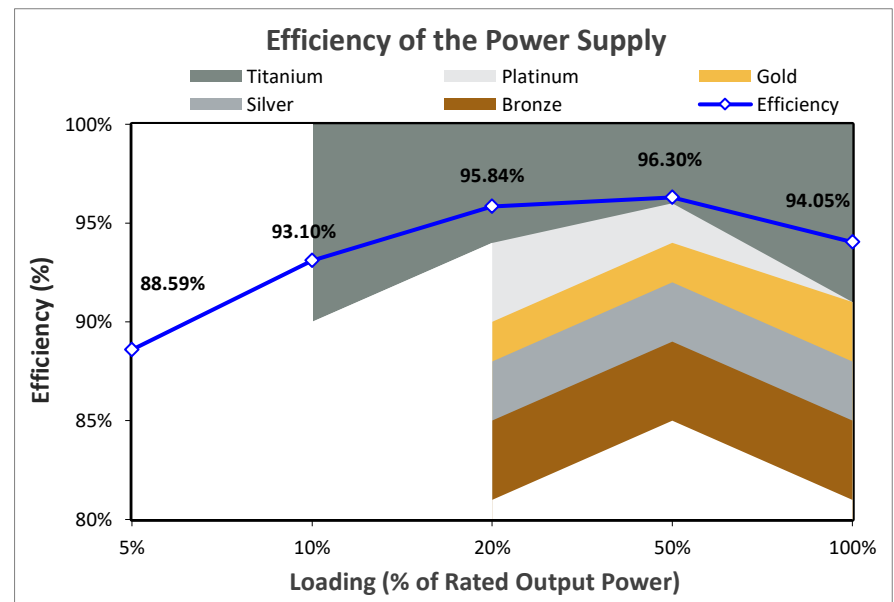
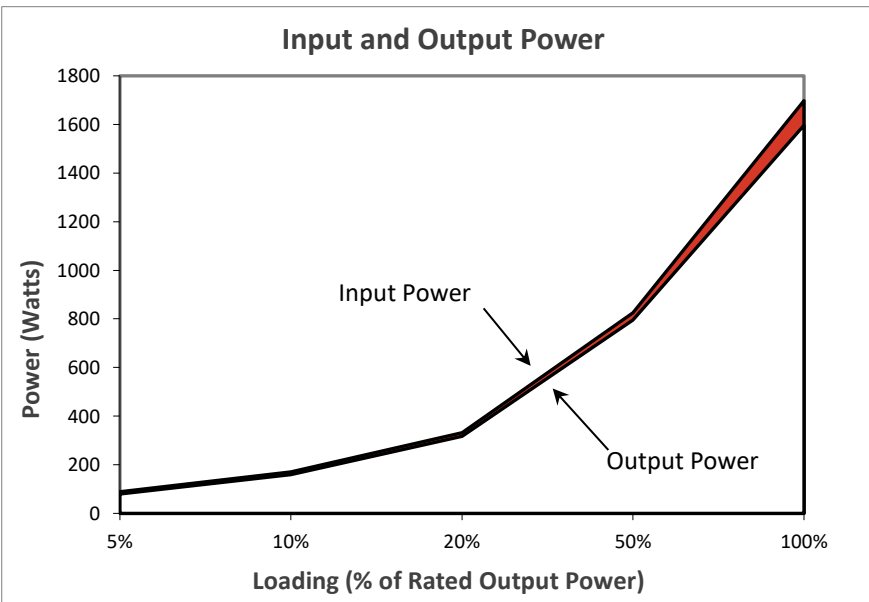
Input AC Current Waveform (ITHD = 3.16%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-127/200-240	Volts
Input Current	12/9.5	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.

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
							12.2V		
0.248	0.0000	19.033	0%	No-Load	0.00	23.75	No-Load		
0.448	<b>0.8698</b>	8.310	5%	Minimum	89.60	16.30	12.12/6.55	79.37	88.59%
0.781	<b>0.9492</b>	8.098	10%	Low	170.45	17.58	12.11/13.11	158.68	93.10%
1.464	<b>0.9844</b>	6.208	20%	Light	331.53	18.80	12.12/26.22	317.73	95.84%
3.593	<b>0.9986</b>	3.161	50%	Typical	825.33	20.10	12.12/65.58	794.77	96.30%
7.390	<b>0.9990</b>	2.605	100%	Full	1697.66	20.40	12.17/131.15	1596.59	94.05%

\* Fan power is not included in the efficiency calculations, external fan voltage applied = 12.01Vdc



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/>