

# 80 PLUS Verification and Testing Report

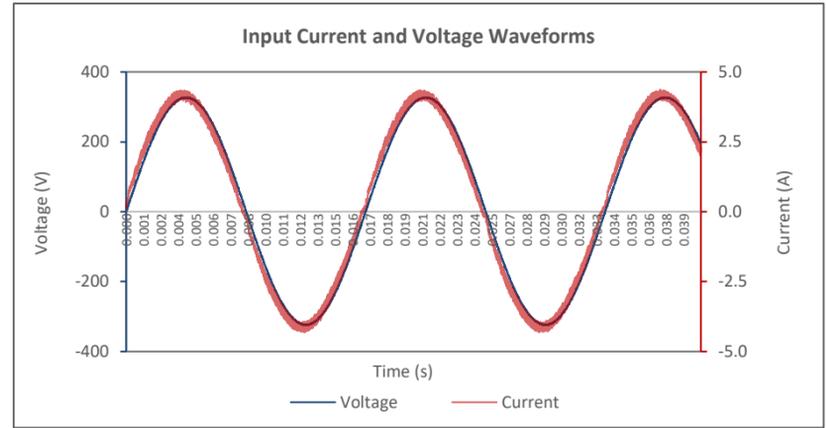
TYPICAL EFFICIENCY (50% Load):	96.58%
AVERAGE EFFICIENCY :	94.66%
80 PLUS COMPLIANT:	Titanium



ID Number	SO-2662
Manufacturer	Great Wall Power Supply Technology Co., Ltd.
Model Number	CRPS1300C3WZ
Serial Number	2P010141006
Type	CRPS
Test Date	03/26/25

Rated Specifications	Value	Units
Input Voltage	100-127/200-240	Volts
Input Current	10/10	Amps
Input Frequency	60/50	Hz
Rated Output Power	1,300	Watts

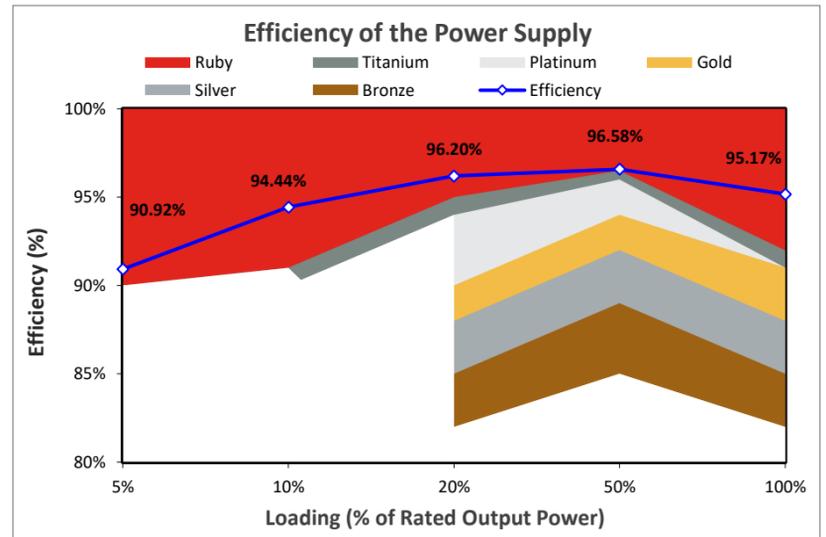
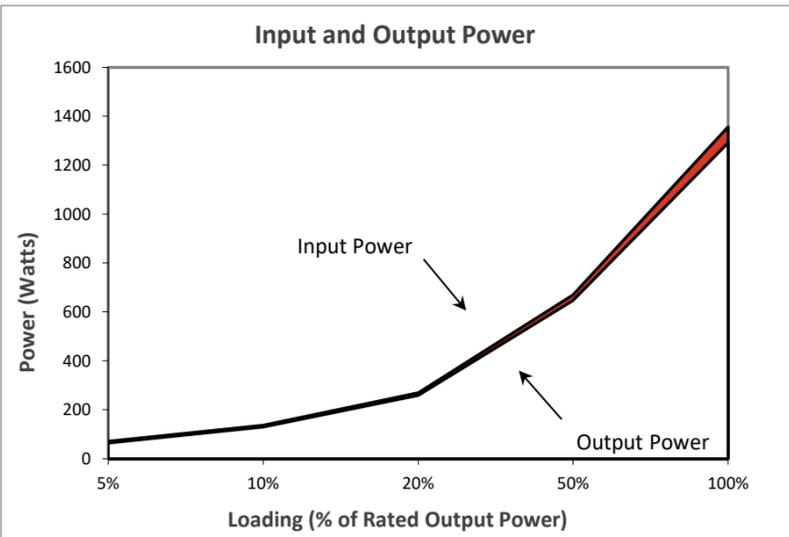
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 1.11%, 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
							12.2V			
0.119	0.2025	18.455	0%	No-Load	5.57	0.54	No-Load			
0.349	<b>0.8901</b>	13.226	5%	Minimum	71.50	0.53	12.191/5.333		65.01	90.92%
0.619	<b>0.9651</b>	9.843	10%	Low	137.37	0.54	12.185/10.647		129.73	94.44%
1.184	<b>0.9923</b>	7.012	20%	Light	270.19	0.53	12.177/21.344		259.91	96.20%
2.930	<b>0.9953</b>	1.108	50%	Typical	670.55	0.57	12.152/53.293		647.61	96.58%
5.905	<b>0.9993</b>	1.200	100%	Full	1357.14	0.95	12.119/106.574		1291.53	95.17%

\* Fan power is not included in the efficiency calculations, external fan voltage applied = 12Vdc



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.  
<https://www.clearexult.com/80plus/> [clearexult.com]