

80 PLUS Verification and Testing Report

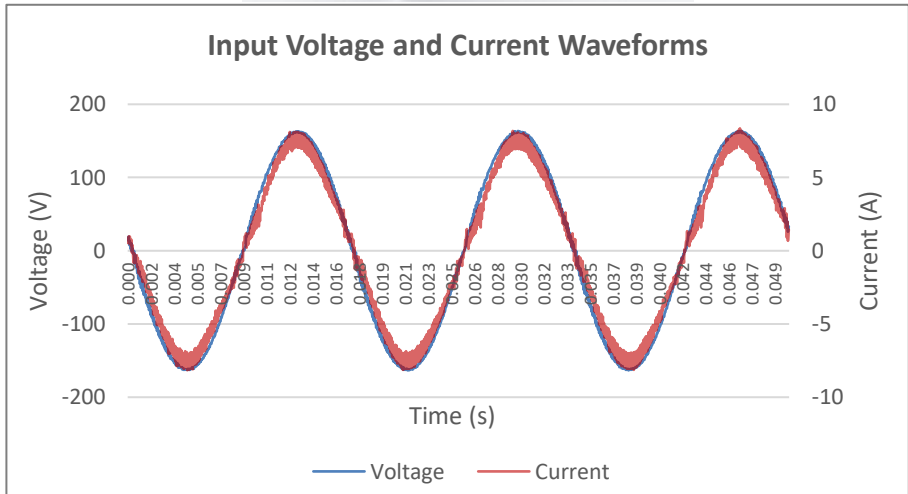
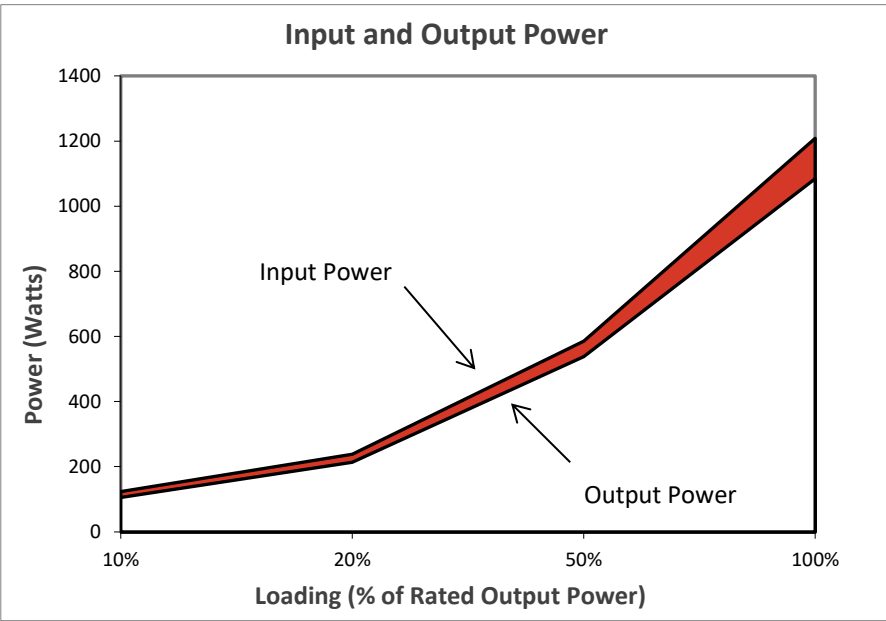
TYPICAL EFFICIENCY (50% Load):	91.88%
AVERAGE EFFICIENCY :	89.38%
80 PLUS COMPLIANT:	Gold

ID Number	7025
Manufacturer	ZHONG YUAN POWER Co.,Ltd.
Model Number	GX1050
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	4/19/23

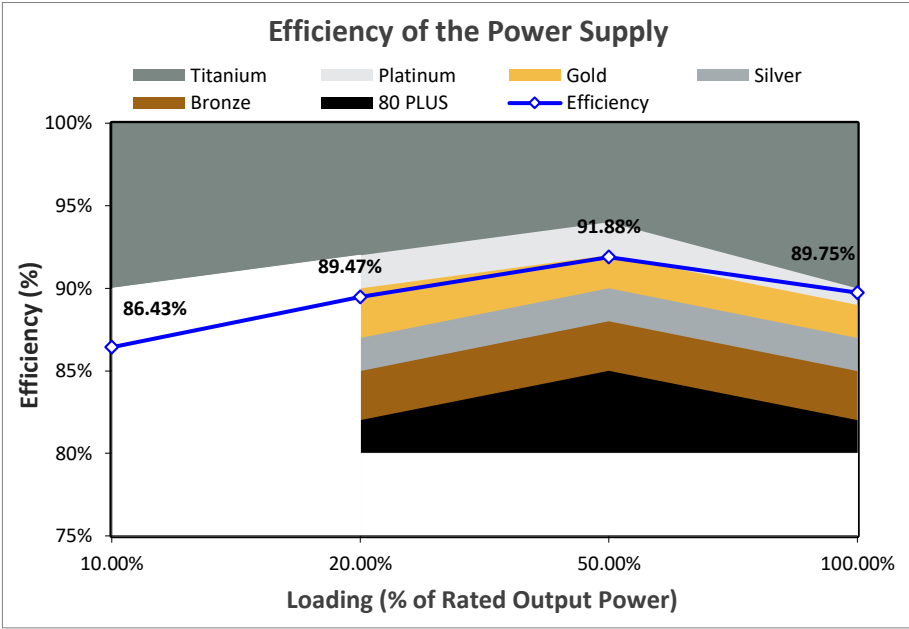
Rated Specifications		Value	Units
Input Voltage		100-240	Volts
Input Current		14.8-7.5	Amps
Input Frequency		50-60	Hz
Rated Output Power		1050	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.

I <sub>RMS</sub> (A)	PF	I <sub>THD</sub> (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vsb		
1.103	0.9728	5.58	10%	123.34	12.14/7.91	11.68/0.03	3.35/1.08	5.03/1.08	5.1/0.23	106.60	86.43%
2.095	0.9909	6.88	20%	238.69	12.18/15.8	11.69/0.06	3.34/2.17	5.03/2.16	5.09/0.45	213.55	89.47%
5.112	0.9962	5.39	50%	585.47	12.28/39.55	11.74/0.14	3.34/5.43	5.02/5.37	5.05/1.13	537.95	91.88%
10.545	0.9959	4.56	100%	1208.22	12.43/78.86	11.82/0.27	3.34/10.85	5.02/10.75	4.99/2.25	1084.34	89.75%



Input AC Current Waveform (ITHD = 5.39%, 50% Load)



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/>