

80 PLUS Verification and Testing Report

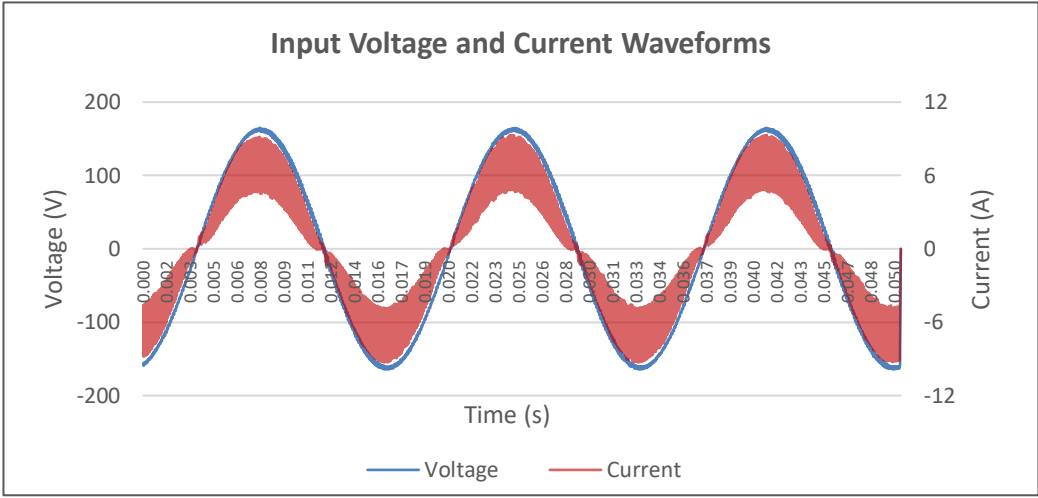
TYPICAL EFFICIENCY (50% Load):	91.79%
AVERAGE EFFICIENCY :	87.38%
80 PLUS COMPLIANT:	Gold



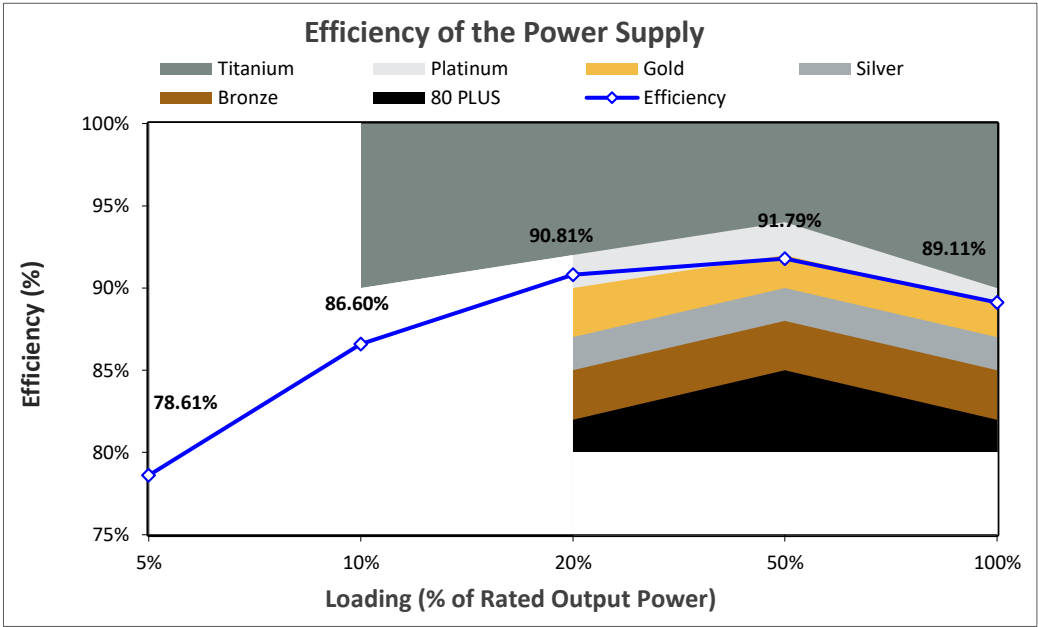
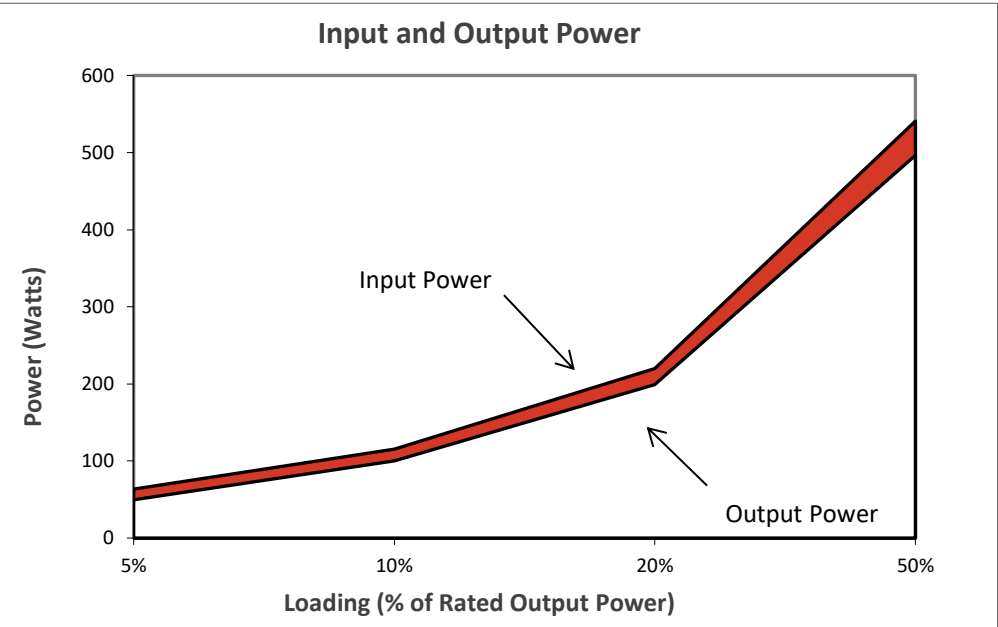
ID Number	7609.2
Manufacturer	Chieftec
Model Number	PPG-1000
Serial Number	4711499190511
Type	ATX 3.1
Test Date	10/10/24

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



I _{RMS} (A)	PF	I _{THD} (%)	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
0.115	0.3256	25.93	0%	4.29	No-Load							
0.777	0.7108	17.59	5%	63.50	11.96/3.73		12.08/0.013	3.33/0.54	5.04/0.54	5.09/0.134	49.92	78.61%
1.310	0.7656	22.71	10%	115.27	11.96/7.45		12.05/0.027	3.33/1.08	5.03/1.08	5.09/0.268	99.82	86.60%
2.236	0.8540	16.23	20%	219.54	11.95/14.9		11.66/0.054	3.33/2.16	5.03/2.15	5.08/0.537	199.38	90.81%
4.875	0.9648	7.43	50%	540.81	11.89/37.25		11.31/0.134	3.33/5.39	5.04/5.39	5.04/1.342	496.39	91.79%
9.753	0.9892	6.24	100%	1109.51	11.84/74.5		11.66/0.268	3.33/10.78	5.04/10.78	4.97/2.682	988.74	89.11%



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/>