

80 PLUS Verification and Testing Report

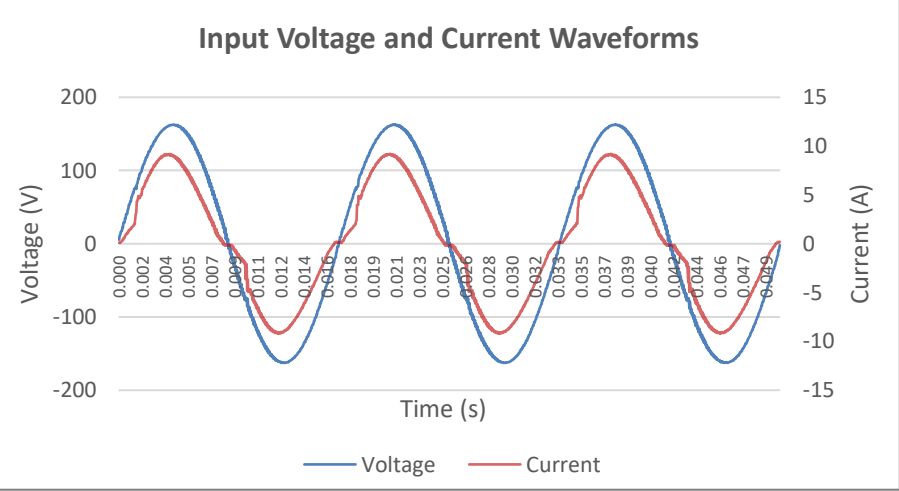
TYPICAL EFFICIENCY (50% Load):	91.47%
AVERAGE EFFICIENCY :	88.81%
80 PLUS COMPLIANT:	Gold



ID Number	6998
Manufacturer	FSP Technology Inc.
Model Number	HG2-1200
Serial Number	S2501000026
Year	2023
Type	ATX12V, EPS12V
Test Date	3/14/23

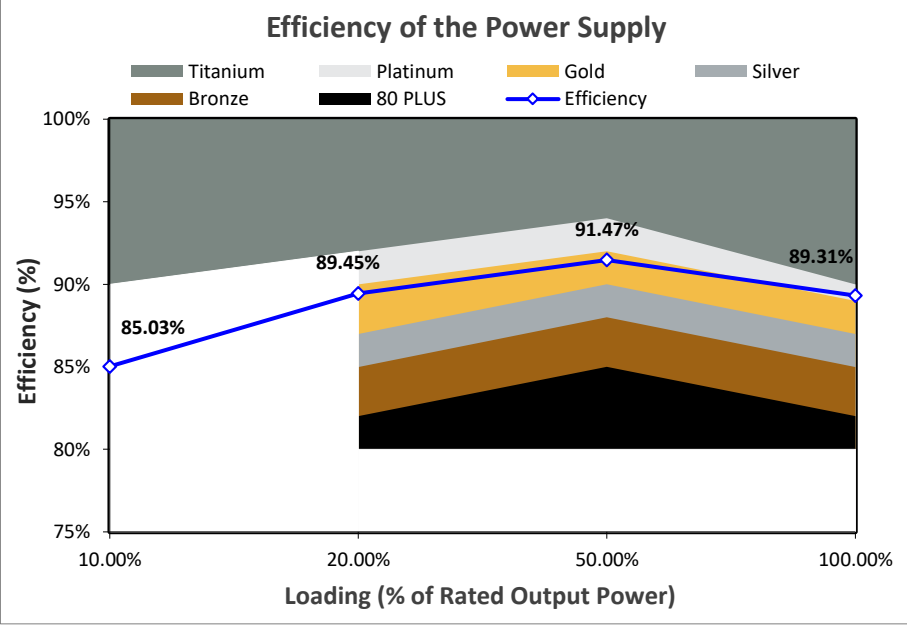
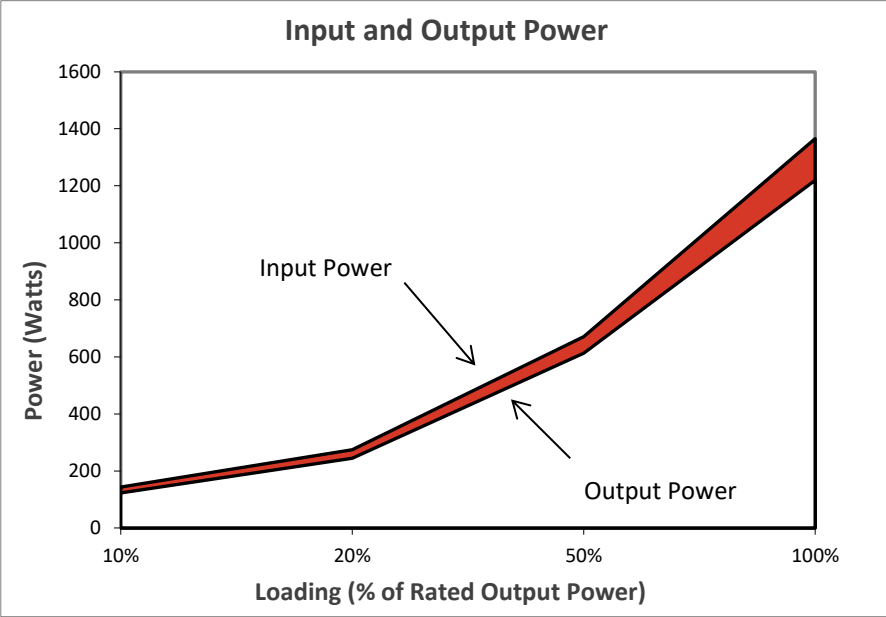
Rated Specifications		Value	Units
Input Voltage		100-240	Volts
Input Current		15-8	Amps
Input Frequency		50-60	Hz
Rated Output Power		1200	Watts

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



Input AC Current Waveform (ITHD = 14.27%, 50% Load)

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
1.303	0.9618	26.04	10%	144.17	12.2/8.99		12.11/0.03	3.4/1.3	5.15/1.3	5.04/0.27	122.58	85.03%
2.445	0.9738	21.59	20%	273.80	12.21/17.97		12.12/0.06	3.39/2.59	5.15/2.58	5.04/0.54	244.92	89.45%
5.904	0.9868	14.27	50%	670.21	12.21/45.03		12.14/0.13	3.4/6.48	5.16/6.42	5.02/1.34	613.02	91.47%
11.952	0.9937	9.25	100%	1365.69	12.2/89.63		12.16/0.27	3.39/12.98	5.16/12.83	4.98/2.69	1219.76	89.31%



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/>