

80 PLUS Verification and Testing Report

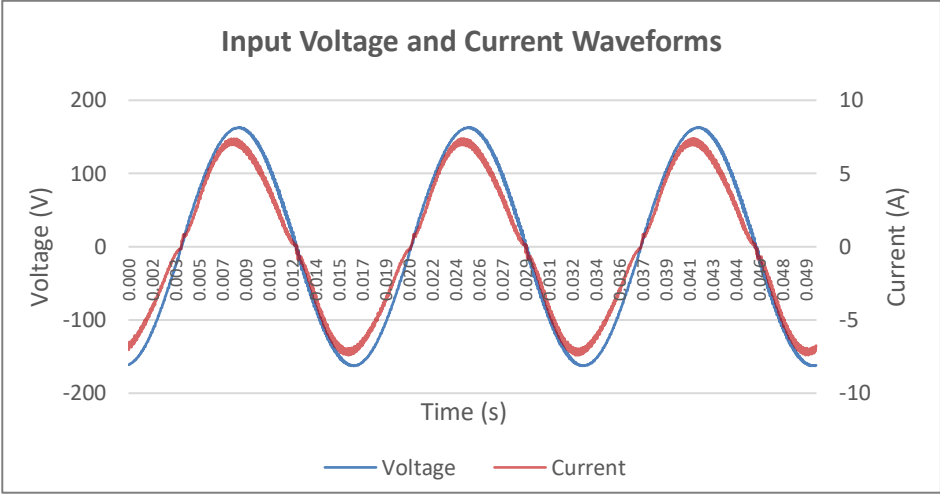
TYPICAL EFFICIENCY (50% Load):	90.77%
AVERAGE EFFICIENCY :	86.22%
80 PLUS COMPLIANT:	Gold



ID Number	7216
Manufacturer	FSP Technology Inc.
Model Number	ADVAN-1000GM
Serial Number	S3161030001
Year	2023
Type	ATX12V, EPS12V
Test Date	10/27/23

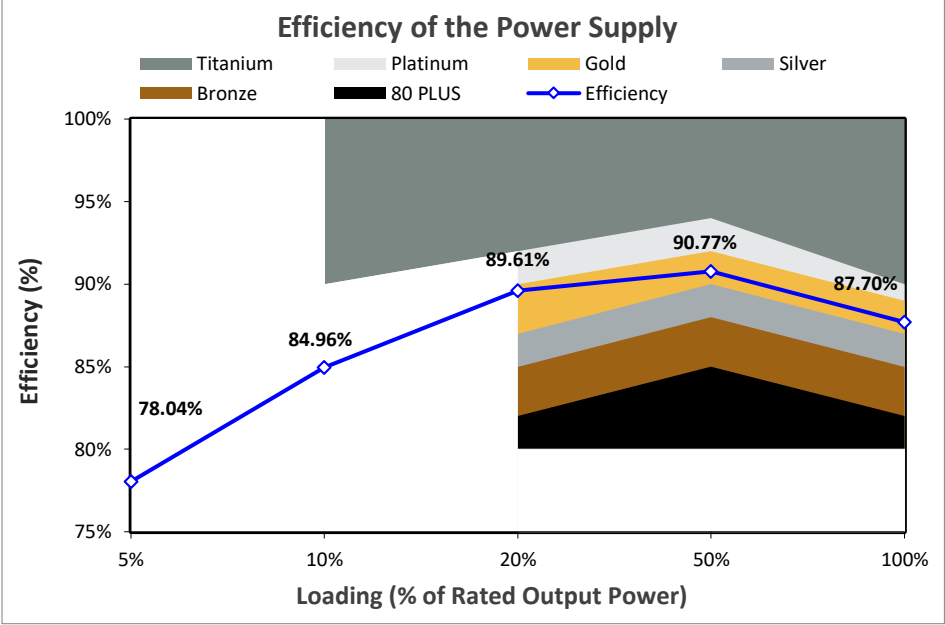
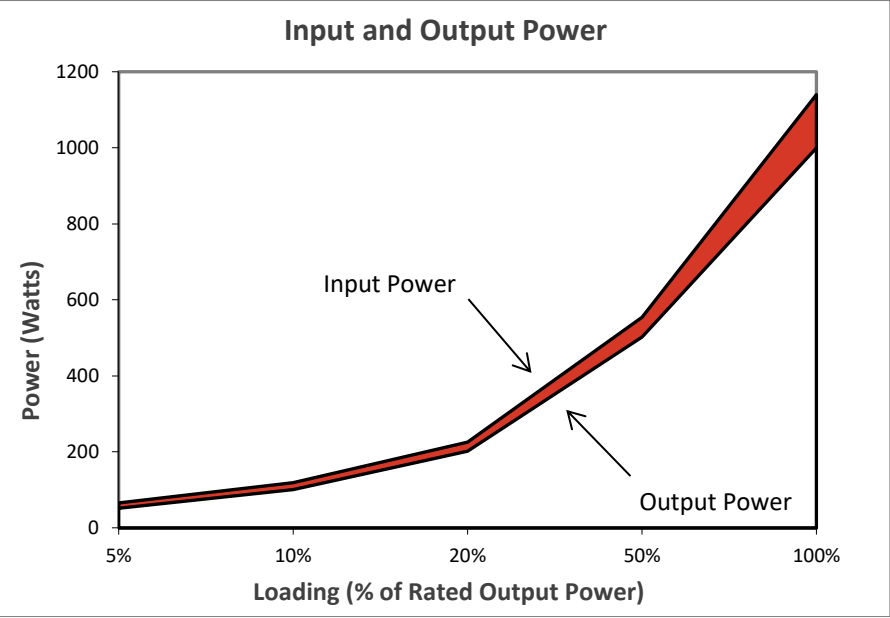
Rated Specifications		Value	Units
Input Voltage		100-240	Volts
Input Current		12-6	Amps
Input Frequency		50-60	Hz
Rated Output Power		1000	Watts

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



Input AC Current Waveform (ITHD = 7.1%, 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	5Vstb		
0.171	0.5723	17.56	0%	11.27	No-Load						
0.600	0.9516	17.45	5%	65.58	12.3/3.73	12.08/0.013	3.34/0.54	5.04/0.54	5.12/0.134	51.18	78.04%
1.056	0.9776	14.15	10%	118.81	12.11/7.45	12.08/0.027	3.34/1.08	5.03/1.08	5.11/0.268	100.94	84.96%
1.966	0.9951	3.10	20%	224.91	12.09/14.9	12.09/0.054	3.33/2.15	5.02/2.15	5.1/0.536	201.55	89.61%
4.840	0.9947	7.10	50%	553.49	12.07/37.26	12.12/0.134	3.29/5.39	4.99/5.39	5.07/1.341	502.43	90.77%
9.992	0.9918	9.35	100%	1139.77	12.02/74.5	12.17/0.268	3.23/10.77	4.92/10.77	5.01/2.681	999.53	87.70%



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/>