80 PLUS Verification and Testing Report

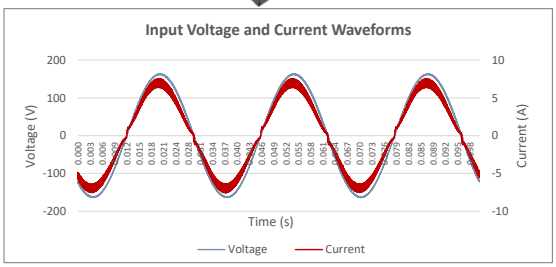
TYPICAL EFFICIENCY (50% Load):	92.37%
AVERAGE EFFICIENCY :	86.06%
AVERAGE STANDBY EFFICIENCY :	78.35%
80 PLUS COMPLIANT:	Platinum



ID Number	8199
Manufacturer	FSP Technology Inc.
Model Number	VIC-1000GM2
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX12V, ATX 3.1
Test Date	6/15/26

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	14.8-7	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.



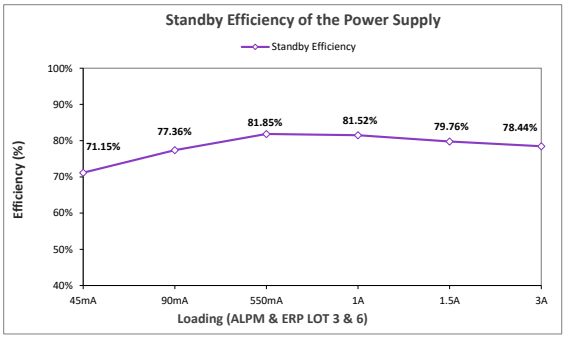
Input AC Current Waveform (ITHD = 4.69%, 50% Load)

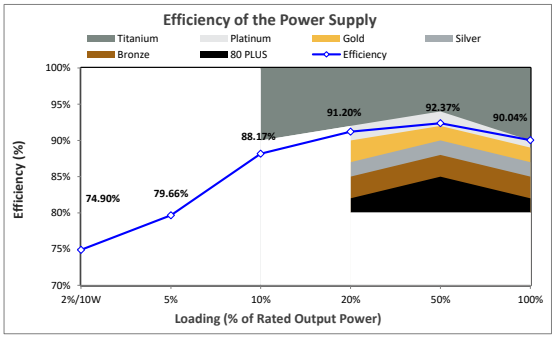
I_{RMS} (A)	PF	I_{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.132	0.2860	40.28	0%	4.34	No-Load						
0.303	**0.7710**	20.78	2%/10W	26.85	12.058/1.492	12.011/0.005	3.339/0.215	5.039/0.215	5.116/0.054	20.11	**74.90%**
0.595	**0.9223**	14.15	5%	63.11	12.058/3.727	12.018/0.013	3.339/0.539	5.039/0.539	5.111/0.134	50.27	**79.66%**
1.026	**0.9656**	5.74	10%	113.98	12.058/7.448	12.018/0.027	3.339/1.077	5.038/1.077	5.103/0.268	100.50	**88.17%**
1.941	**0.9880**	5.77	20%	220.46	12.060/14.897	12.024/0.054	3.339/2.154	5.037/2.154	5.086/0.537	201.05	**91.20%**
4.751	**0.9963**	4.69	50%	544.24	12.062/37.245	12.030/0.134	3.337/5.386	5.035/5.387	5.032/1.342	502.71	**92.37%**
9.731	**0.9973**	4.39	100%	1116.87	12.070/74.487	12.036/0.268	3.335/10.773	5.031/10.773	4.940/2.682	1005.67	**90.04%**

Note: Efficiency data was obtained from Sample 1 (Serial Number: N/A)

I_{RMS} (A)	PF	I_{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Standby Efficiency
					5VSB		
0.094	0.0068	23.33	0mA	0.07	Vampire Load		
0.108	**0.0260**	20.30	45mA	0.32	5.118/0.045	0.23	**71.15%**
0.138	**0.0375**	23.92	90mA	0.60	5.116/0.090	0.46	**77.36%**
0.177	**0.1679**	60.79	550mA	3.43	5.098/0.550	2.80	**81.85%**
0.210	**0.2583**	74.66	1A	6.23	5.080/1.000	5.08	**81.52%**
0.275	**0.3011**	80.82	1.5A	9.52	5.061/1.500	7.59	**79.76%**
0.496	**0.3351**	85.11	3A	19.13	4.999/3.002	15.01	**78.44%**

Note: Standby efficiency data was obtained from Sample 2 (Serial Number: N/A)





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.
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