

80 PLUS Verification and Testing Report

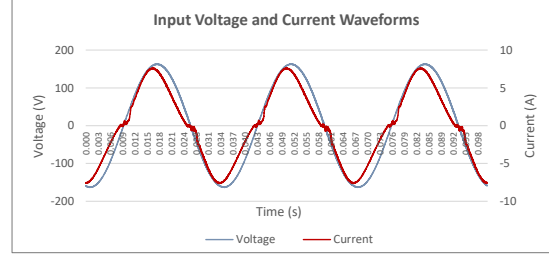
TYPICAL EFFICIENCY (50% Load):	93.05%
AVERAGE EFFICIENCY :	87.00%
AVERAGE STANDBY EFFICIENCY :	76.36%
80 PLUS COMPLIANT:	Platinum



ID Number	8058
Manufacturer	Micro-Star International Co., Ltd.
Model Number	MS-7ZPNY
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	12/9/25

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	15.0	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.

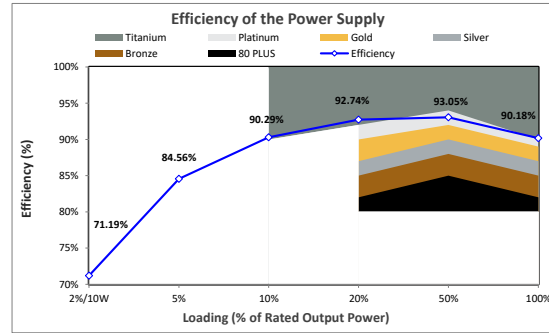
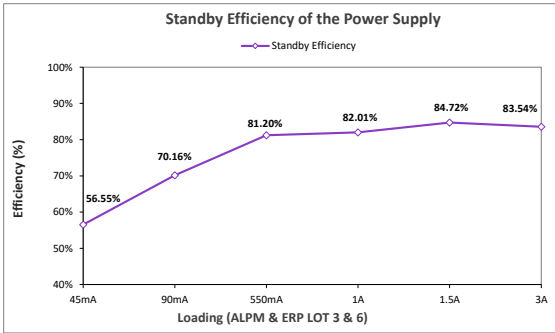


I _{RMS} (A)	PF	I _{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	3.3V	5V	5VSB		
0.173	0.3140	56.22	0%	6.26	No-Load					
0.322	0.7654	28.80	2%/10W	28.37	12.122/1.495	3.306/0.216	5.050/0.216	5.043/0.054	20.20	71.19%
0.565	0.9191	18.84	5%	59.70	12.120/3.737	3.306/0.541	5.050/0.540	5.043/0.135	50.48	84.56%
1.004	0.9682	15.16	10%	111.81	12.119/7.473	3.307/1.081	5.050/1.081	5.043/0.269	100.95	90.29%
1.918	0.9861	12.02	20%	217.63	12.113/14.946	3.307/2.161	5.050/2.162	5.043/0.538	201.83	92.74%
4.808	0.9798	15.20	50%	541.65	12.099/37.365	3.307/5.404	5.047/5.405	5.042/1.346	504.02	93.05%
9.797	0.9901	11.46	100%	1115.39	12.071/74.728	3.307/10.808	5.043/10.809	5.041/2.691	1005.88	90.18%

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	Vampire Load		
0.126	0.0071	40.36	0mA	0.10				
0.123	0.0284	38.06	45mA	0.40	5.087/0.045		0.23	56.55%
0.121	0.0470	35.28	90mA	0.65	5.087/0.090		0.46	70.16%
0.137	0.2183	52.63	550mA	3.45	5.092/0.550		2.80	81.20%
0.166	0.3253	66.21	1A	6.21	5.097/1.000		5.10	82.01%
0.202	0.3899	73.69	1.5A	9.03	5.103/1.500		7.65	84.72%
0.336	0.4795	80.95	3A	18.38	5.116/3.002		15.36	83.54%

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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