

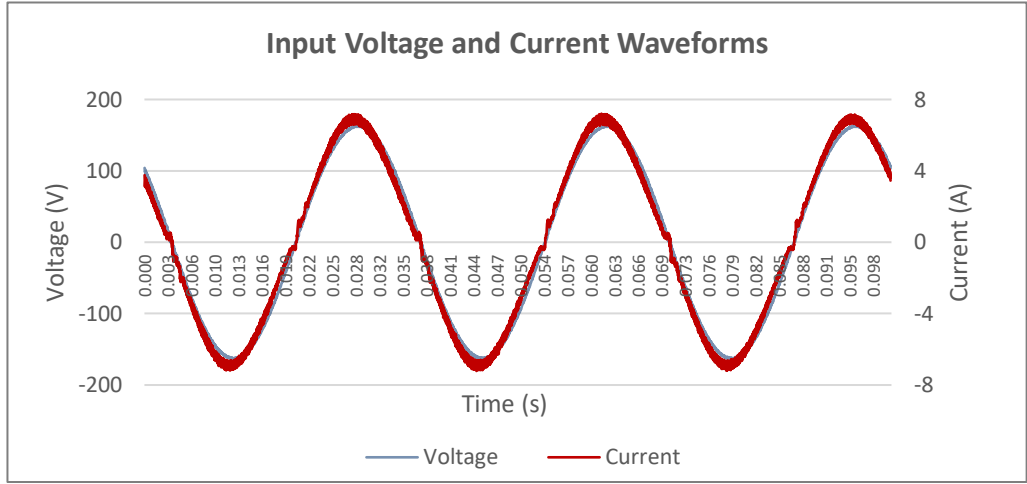
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.85%
AVERAGE EFFICIENCY :	86.99%
AVERAGE STANDBY EFFICIENCY :	78.83%
80 PLUS COMPLIANT:	Platinum

ID Number	7934.1
Manufacturer	SilverStone Technology Inc.
Model Number	SST-AX1000MCPT-B
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	8/19/25

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	47-63	Hz
Rated Output Power	1000	Watts

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



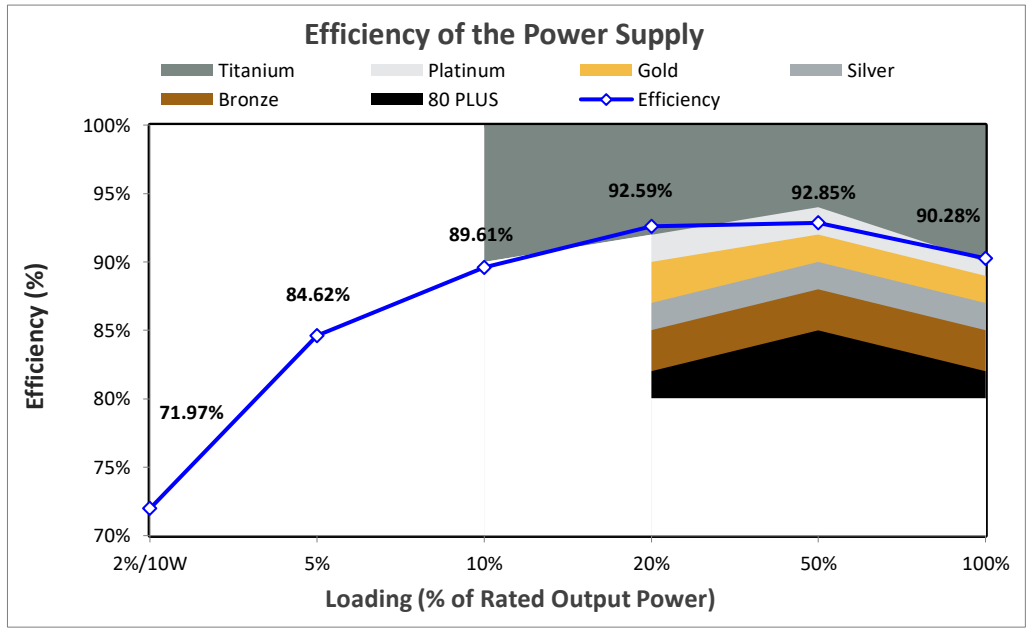
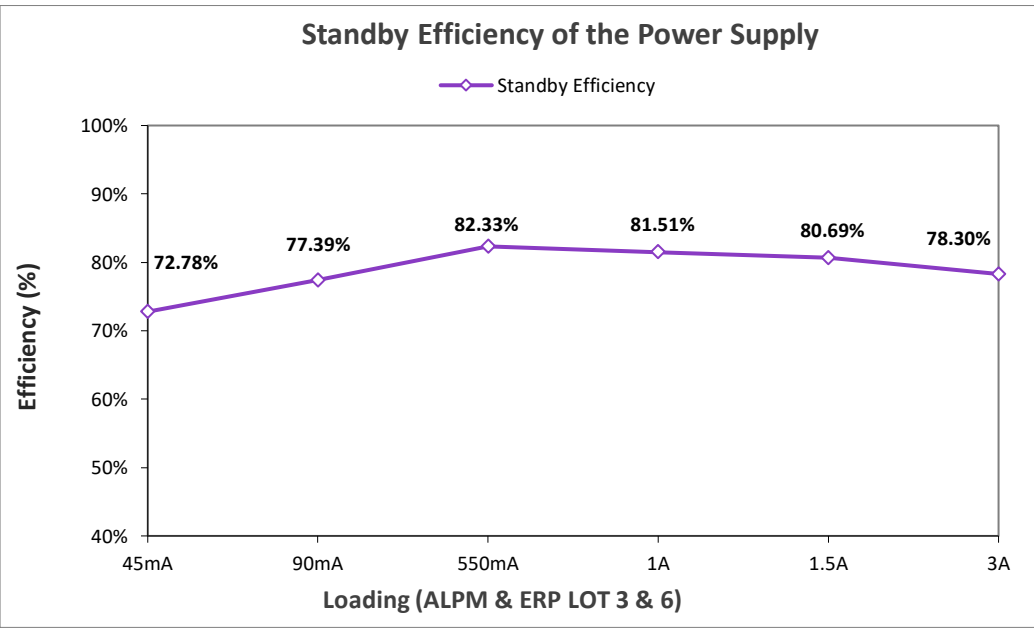
Input AC Current Waveform (ITHD = 4.37%, 50% Load)

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		
0.168	0.3657	17.64	0%	7.10	No-Load						
0.289	0.8390	16.56	2%/10W	27.94	12.066/1.478	12.091/0.005	3.326/0.235	4.999/0.235	5.098/0.053	20.11	71.97%
0.541	0.9546	12.45	5%	59.42	12.066/3.694	12.092/0.013	3.326/0.587	4.998/0.587	5.094/0.133	50.28	84.62%
0.995	0.9797	10.44	10%	112.15	12.067/7.381	12.091/0.027	3.326/1.174	4.999/1.174	5.087/0.266	100.50	89.61%
1.913	0.9866	8.10	20%	217.12	12.066/14.764	12.092/0.053	3.326/2.349	5.000/2.349	5.072/0.532	201.03	92.59%
4.723	0.9959	4.37	50%	541.20	12.064/36.914	12.099/0.133	3.327/5.873	5.003/5.873	5.028/1.330	502.52	92.85%
9.694	0.9984	3.66	100%	1112.50	12.059/73.824	12.106/0.266	3.323/11.745	5.001/11.746	4.951/2.659	1004.31	90.28%

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			
0.104	0.0032	3.30	0mA	0.04	Vampire Load			
0.097	0.0283	9.37	45mA	0.32	5.102/0.045		0.23	72.78%
0.100	0.0516	16.48	90mA	0.59	5.100/0.090		0.46	77.39%
0.131	0.2253	54.85	550mA	3.39	5.081/0.550		2.79	82.33%
0.201	0.2684	69.61	1A	6.21	5.062/1.000		5.06	81.51%
0.206	0.3952	77.19	1.5A	9.37	5.041/1.500		7.56	80.69%
0.342	0.4850	82.20	3A	19.06	4.973/3.001		14.93	78.30%

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. <https://www.cleareresult.com/80plus/> [cleareresult.com]