

80 PLUS Verification and Testing Report

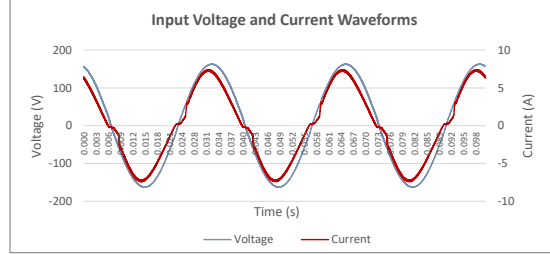
TYPICAL EFFICIENCY (50% Load):	92.03%
AVERAGE EFFICIENCY :	85.62%
AVERAGE STANDBY EFFICIENCY :	80.96%
80 PLUS COMPLIANT:	Platinum



ID Number	8032
Manufacturer	APNX
Model Number	ANPS-2502
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	11/12/25

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	13.0-6.5	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.



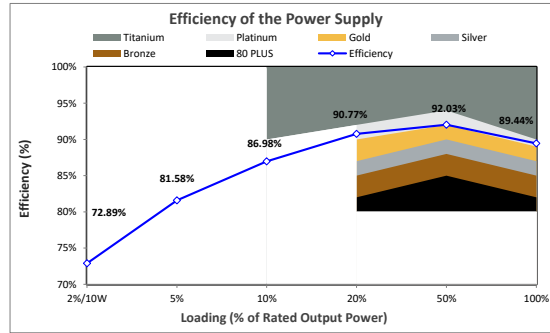
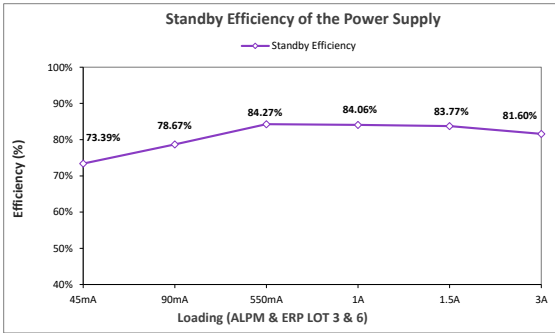
Input AC Current Waveform (ITHD = 12.2%, 50% Load)

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.)	3.3V	5V	5VSB		
0.137	0.2445	13.46	0%	3.86	No-Load					
0.286	0.8387	32.22	2%/10W	27.59	12.056/1.483	3.345/0.236	5.048/0.236	5.035/0.053	20.11	72.89%
0.576	0.9304	29.22	5%	61.58	12.045/3.705	3.346/0.589	5.049/0.589	5.030/0.133	50.23	81.58%
1.039	0.9646	22.30	10%	115.21	12.012/7.408	3.347/1.177	5.050/1.177	5.032/0.267	100.21	86.98%
1.960	0.9789	18.45	20%	220.70	12.006/14.815	3.348/2.355	5.049/2.355	5.026/0.534	200.32	90.77%
4.781	0.9882	12.20	50%	543.47	11.988/37.043	3.351/5.891	5.047/5.891	5.003/1.334	500.16	92.03%
9.757	0.9946	7.92	100%	1115.57	11.958/74.070	3.356/11.782	5.046/11.784	4.967/2.666	997.80	89.44%

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	3.3V	5V	5VSB		
0.124	0.0028	3.98	0mA	0.04	Vampire Load					
0.124	0.0218	7.46	45mA	0.31	5.064/0.045				0.23	73.39%
0.125	0.0404	11.66	90mA	0.58	5.062/0.090				0.46	78.67%
0.140	0.2044	43.03	550mA	3.30	5.058/0.550				2.78	84.27%
0.167	0.3138	59.53	1A	6.02	5.058/1.000				5.06	84.06%
0.203	0.3876	69.64	1.5A	9.06	5.057/1.500				7.59	83.77%
0.338	0.4852	79.76	3A	18.62	5.066/3.000				15.20	81.60%

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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