

80 PLUS Verification and Testing Report

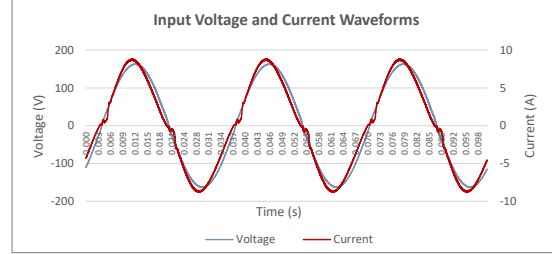
TYPICAL EFFICIENCY (50% Load):	92.41%
AVERAGE EFFICIENCY :	85.90%
AVERAGE STANDBY EFFICIENCY :	80.82%
80 PLUS COMPLIANT:	Platinum



ID Number	8033
Manufacturer	APNX
Model Number	ANPS-2501
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	11/13/25

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	15-7.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	1200	Watts

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

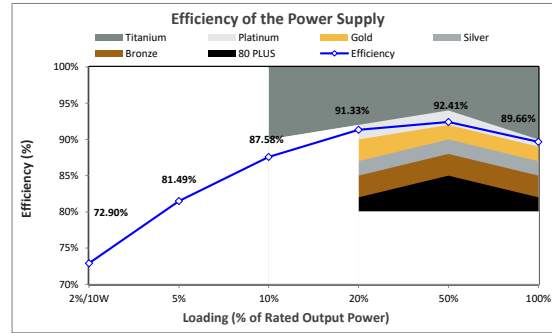
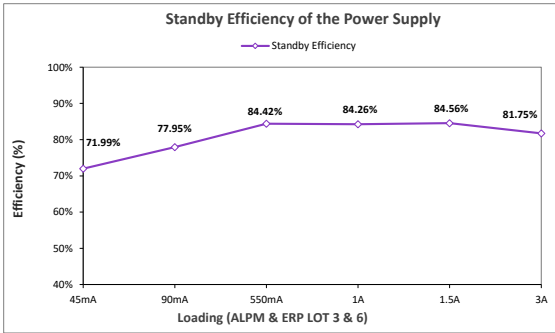


I _{RMS} (A)	PF	I _{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	3.3V	5V	5VSB		
0.188	0.5612	19.45	0%	12.11	No-Load					
0.336	0.8619	25.06	2%/10W	33.28	12.128/1.813	3.339/0.240	5.037/0.240	5.050/0.054	24.26	72.90%
0.682	0.9465	22.99	5%	74.31	12.109/4.529	3.340/0.600	5.037/0.600	5.046/0.136	60.56	81.49%
1.243	0.9661	20.21	10%	138.10	12.090/9.060	3.341/1.199	5.038/1.199	5.048/0.272	120.95	87.58%
2.346	0.9813	17.43	20%	264.75	12.085/18.116	3.343/2.399	5.038/2.399	5.043/0.543	241.79	91.33%
5.740	0.9900	10.47	50%	653.57	12.074/45.288	3.349/5.999	5.037/6.001	5.021/1.359	603.96	92.41%
11.753	0.9949	7.50	100%	1344.62	12.049/90.572	3.356/12.001	5.038/12.002	4.987/2.716	1205.58	89.66%

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					
0.123	0.0032	3.97	0mA	0.05	Vampire Load					
0.123	0.0222	7.38	45mA	0.32	5.050/0.045				0.23	71.99%
0.124	0.0409	11.87	90mA	0.58	5.048/0.090				0.45	77.95%
0.139	0.2056	42.47	550mA	3.29	5.046/0.550				2.78	84.42%
0.165	0.3156	59.51	1A	5.99	5.047/1.000				5.05	84.26%
0.199	0.3934	68.60	1.5A	8.95	5.048/1.500				7.57	84.56%
0.327	0.4871	79.08	3A	18.58	5.062/3.000				15.19	81.75%

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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