

80 PLUS Verification and Testing Report

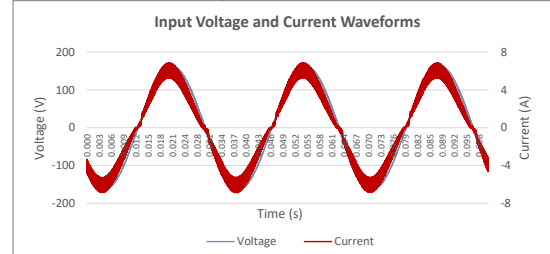
TYPICAL EFFICIENCY (50% Load):	92.94%
AVERAGE EFFICIENCY :	87.68%
AVERAGE STANDBY EFFICIENCY :	78.15%
80 PLUS COMPLIANT:	Platinum



ID Number	7995
Manufacturer	Antec
Model Number	X8000A584EU-25
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX12V, ATX 3.1, EPS12V
Test Date	10/2/25

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



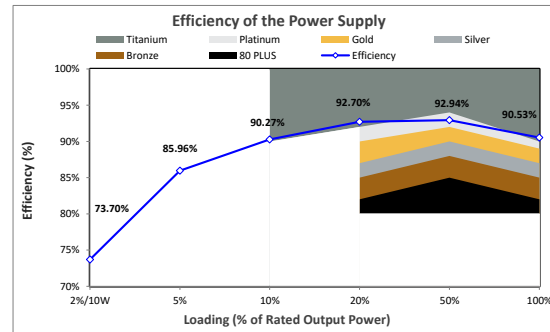
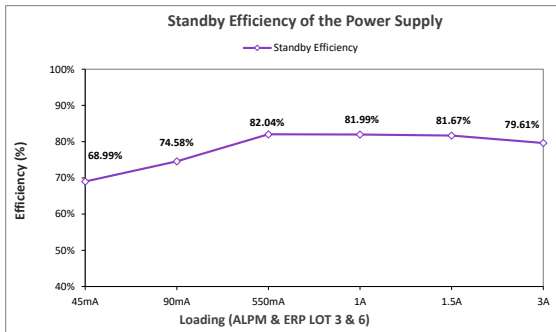
Input AC Current Waveform (THD = 7.34%, 50% Load)

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.)						
0.118	0.2307	63.18	0%	3.15	No-Load						
0.281	0.7260	47.46	2%/10W	23.44	12.191/1.219	12.254/0.005	3.330/0.249	5.108/0.249	5.143/0.052	17.28	73.70%
0.495	0.8806	19.98	5%	50.03	12.131/3.046	12.255/0.013	3.330/0.622	5.107/0.622	5.139/0.129	43.00	85.96%
0.888	0.9313	10.88	10%	95.26	12.134/6.089	12.255/0.026	3.331/1.243	5.109/1.243	5.133/0.258	86.00	90.27%
1.673	0.9649	7.83	20%	185.61	12.138/12.179	12.257/0.052	3.330/2.486	5.108/2.487	5.120/0.516	172.06	92.70%
4.068	0.9890	7.34	50%	462.64	12.132/30.447	12.263/0.129	3.327/6.218	5.106/6.218	5.084/1.290	429.96	92.94%
8.290	0.9959	5.33	100%	949.74	12.134/60.890	12.272/0.258	3.325/12.434	5.106/12.434	5.021/2.580	859.85	90.53%

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						
0.077	0.0060	46.32	0mA	0.05	Vampire Load						
0.080	0.0361	55.12	45mA	0.33	5.132/0.045					0.23	68.99%
0.087	0.0615	50.56	90mA	0.62	5.131/0.090					0.46	74.58%
0.122	0.2437	69.27	550mA	3.43	5.119/0.550					2.82	82.04%
0.169	0.3209	76.49	1A	6.23	5.107/1.000					5.11	81.99%
0.204	0.3996	78.88	1.5A	9.35	5.094/1.500					7.64	81.67%
0.323	0.5125	80.28	3A	19.05	5.053/3.002					15.17	79.61%

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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