80 PLUS Verification and Testing Report

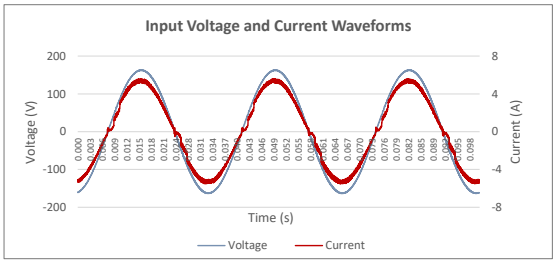


TYPICAL EFFICIENCY (50% Load):	88.25%
AVERAGE EFFICIENCY :	82.88%
AVERAGE STANDBY EFFICIENCY :	76.66%
80 PLUS COMPLIANT:	Bronze

ID Number	7842
Manufacturer	ADATA
Model Number	PYLONII750BRONZE
Sample 1 S/N:	N/A
Sample 2 S/N:	4P0781341959
Type	ATX 3.1
Test Date	5/28/25

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



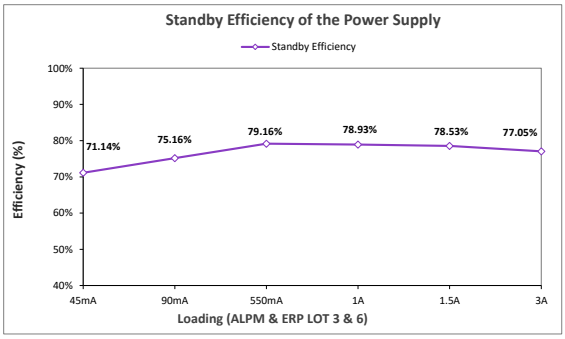
Input AC Current Waveform (ITHD = 5.69%, 50% Load)

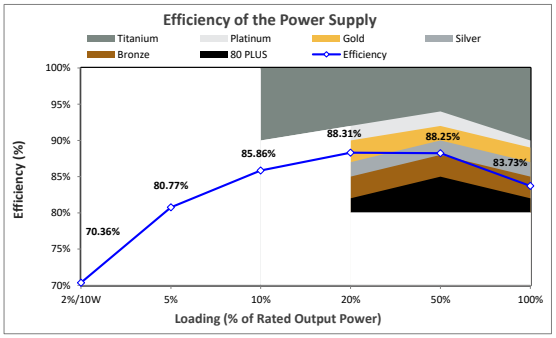
I_{RMS} (A)	PF	I_{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.158	0.1538	34.39	0%	2.79	No-Load						
0.211	**0.8890**	32.11	2%/10W	21.56	12.134/1.057	12.125/0.005	3.344/0.244	5.020/0.244	5.126/0.051	15.17	70.36%
0.436	**0.9367**	24.76	5%	46.93	12.132/2.640	12.126/0.013	3.343/0.610	5.019/0.610	5.122/0.127	37.91	80.77%
0.791	**0.9706**	15.45	10%	88.27	12.130/5.277	12.125/0.025	3.343/1.221	5.020/1.220	5.114/0.253	75.79	85.86%
1.507	**0.9897**	8.92	20%	171.58	12.124/10.552	12.126/0.051	3.343/2.441	5.019/2.440	5.099/0.507	151.52	88.31%
3.711	**0.9979**	5.69	50%	428.68	12.107/26.379	12.125/0.127	3.343/6.101	5.022/6.101	5.051/1.266	378.29	88.25%
7.852	**0.9981**	3.87	100%	901.46	12.080/52.747	12.128/0.253	3.340/12.202	5.022/12.203	4.970/2.532	754.79	83.73%

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		
0.114	0.0027	4.86	0mA	0.04	Vampire Load		
0.096	**0.0295**	11.09	45mA	0.32	5.130/0.045	0.23	71.14%
0.101	**0.0531**	18.49	90mA	0.61	5.129/0.090	0.46	75.16%
0.127	**0.2431**	63.25	550mA	3.55	5.117/0.550	2.81	79.16%
0.176	**0.3190**	77.42	1A	6.47	5.105/1.000	5.10	78.93%
0.227	**0.3738**	82.78	1.5A	9.72	5.092/1.500	7.64	78.53%
0.379	**0.4516**	85.53	3A	19.67	5.050/3.001	15.16	77.05%

Note: Standby efficiency data was obtained from Sample 2 (Serial Number: 4P0781341959)





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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