80 PLUS Verification and Testing Report

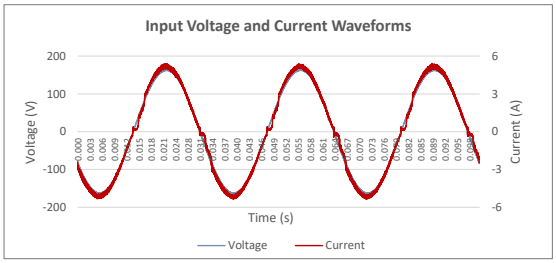
TYPICAL EFFICIENCY (50% Load):	91.21%
AVERAGE EFFICIENCY :	85.23%
AVERAGE STANDBY EFFICIENCY :	76.10%
80 PLUS COMPLIANT:	Gold



ID Number	7953
Manufacturer	ADATA
Model Number	KYBERII750GOLD
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	8/28/25

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	12	Amps
Input Frequency	47-63	Hz
Rated Output Power	750	Watts

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



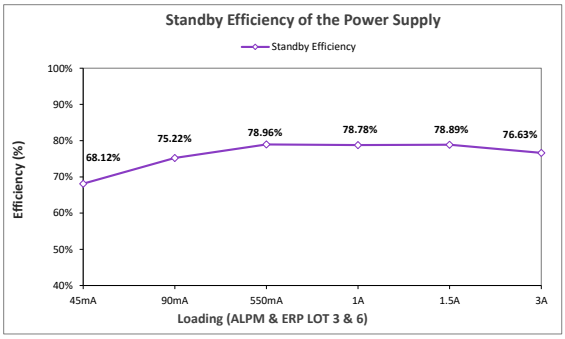
Input AC Current Waveform (ITHD = 5.3%, 50% Load)

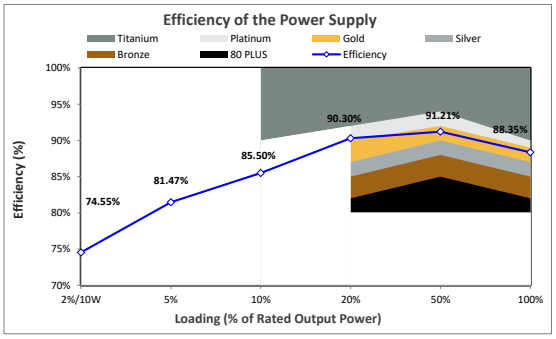
I_{RMS} (A)	PF	I_{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.282	0.0843	37.30	0%	2.74	No-Load						
0.436	**0.4035**	75.69	2%/10W	20.23	12.060/1.057	11.959/0.005	3.345/0.244	5.015/0.244	5.150/0.051	15.08	**74.55%**
0.427	**0.9432**	24.58	5%	46.29	12.060/2.640	11.963/0.013	3.344/0.610	5.014/0.610	5.146/0.127	37.71	**81.47%**
0.789	**0.9713**	14.78	10%	88.18	12.059/5.276	11.965/0.025	3.344/1.220	5.013/1.220	5.139/0.253	75.40	**85.50%**
1.466	**0.9903**	9.06	20%	166.97	12.056/10.551	11.972/0.051	3.344/2.440	5.013/2.440	5.125/0.507	150.78	**90.30%**
3.596	**0.9983**	5.30	50%	412.95	12.044/26.378	11.987/0.127	3.345/6.101	5.014/6.101	5.082/1.266	376.63	**91.21%**
7.410	**0.9985**	3.46	100%	851.25	12.025/52.746	12.014/0.253	3.347/12.201	5.013/12.202	5.014/2.532	752.04	**88.35%**

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		
0.269	0.0012	7.79	0mA	0.04	Vampire Load		
0.283	**0.0104**	14.20	45mA	0.34	5.145/0.045	0.23	**68.12%**
0.099	**0.0542**	17.52	90mA	0.62	5.144/0.090	0.46	**75.22%**
0.129	**0.2404**	60.33	550mA	3.57	5.130/0.550	2.82	**78.96%**
0.165	**0.3420**	74.58	1A	6.49	5.115/1.000	5.11	**78.78%**
0.213	**0.3960**	80.67	1.5A	9.69	5.099/1.500	7.65	**78.89%**
0.364	**0.4724**	84.13	3A	19.78	5.049/3.001	15.15	**76.63%**

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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