

80 PLUS Verification and Testing Report

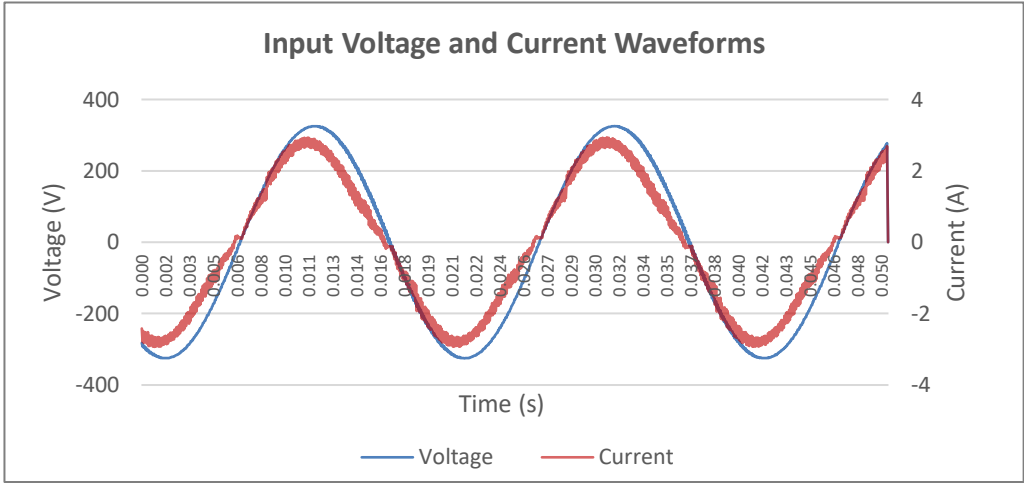
TYPICAL EFFICIENCY (50% Load):	89.75%
AVERAGE EFFICIENCY :	80.01%
AVERAGE STANDBY EFFICIENCY :	67.13%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-1203
Manufacturer	GEMBIRD EUROPE BV
Model Number	CCC-PSUBRONZE-750W
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX12V
Test Date	4/21/25

Rated	Value	Units
Input Voltage	200-240	Volts
Input Current	6.3	Amps
Input Frequency	50/60	Hz
Rated Output Power	750	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



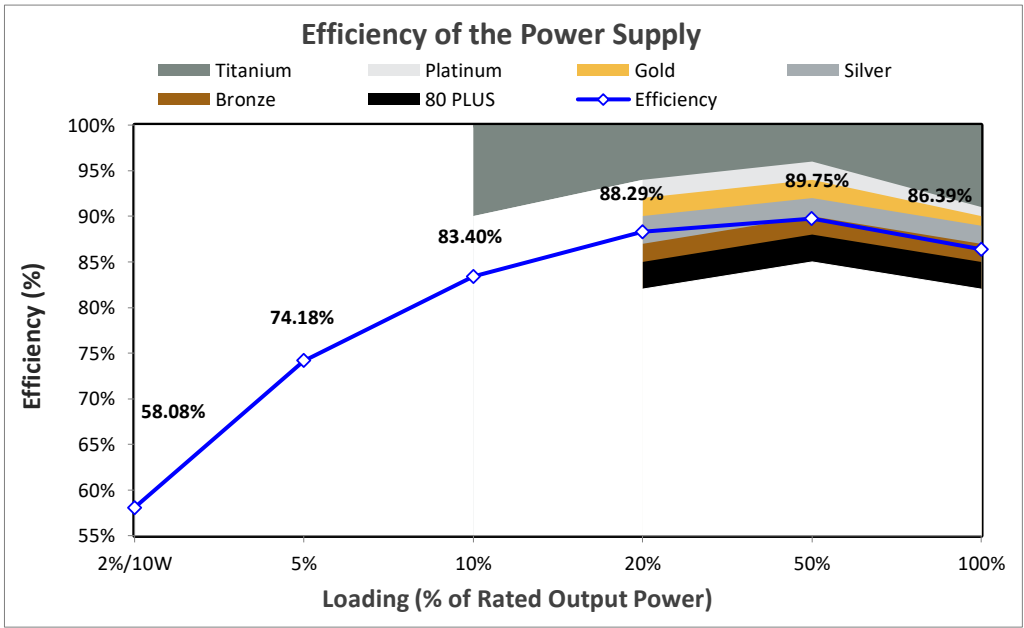
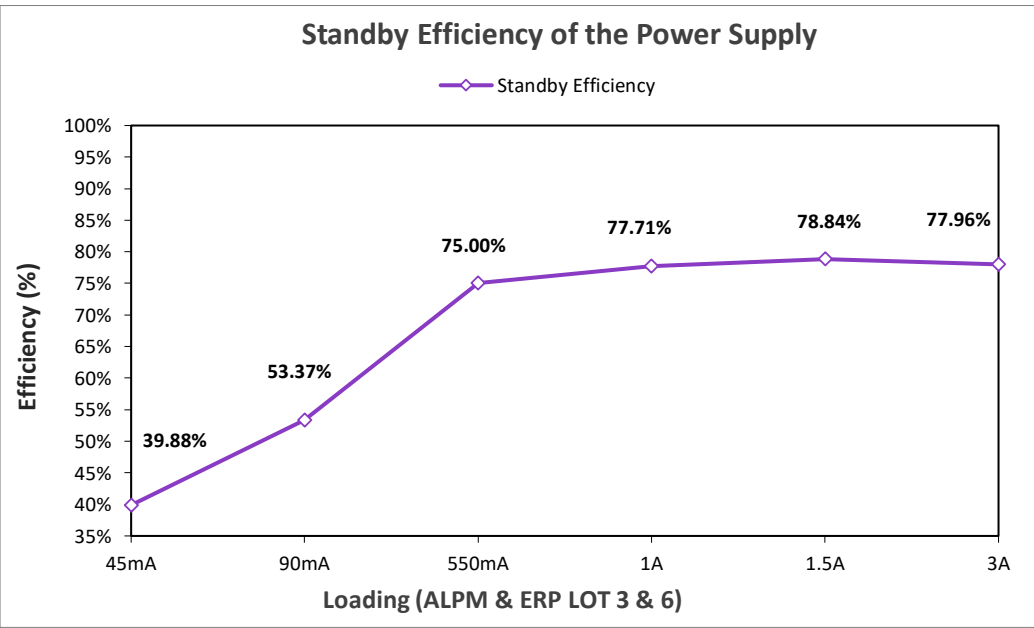
Input AC Current Waveform (ITHD = 7%, 50% Load)

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		
0.137	0.4323	23.43	0%	13.59	No-Load						
0.182	0.6372	20.09	2%/10W	26.69	12.438/1.081	12.168/0.005	3.311/0.208	5.041/0.208	5.181/0.052	15.50	58.08%
0.279	0.8144	15.28	5%	52.20	12.429/2.700	12.450/0.013	3.310/0.520	5.044/0.520	5.176/0.130	38.72	74.18%
0.442	0.9127	12.16	10%	92.77	12.419/5.399	12.410/0.026	3.308/1.038	5.041/1.038	5.169/0.259	77.37	83.40%
0.790	0.9624	9.71	20%	174.95	12.398/10.796	12.339/0.052	3.302/2.078	5.030/2.078	5.153/0.518	154.46	88.29%
1.883	0.9882	7.00	50%	427.96	12.334/26.987	12.306/0.130	3.284/5.199	4.993/5.199	5.106/1.296	384.08	89.75%
3.847	0.9948	4.45	100%	880.40	12.219/53.969	12.401/0.259	3.248/10.400	4.922/10.400	5.020/2.590	760.59	86.39%

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	Vampire Load		
0.085	0.0122	2.44	0mA	0.24		5.171/0.045	0.23	39.88%
0.086	0.0296	8.69	45mA	0.58		5.169/0.090	0.47	53.37%
0.087	0.0435	13.57	90mA	0.87		5.152/0.550	2.83	75.00%
0.100	0.1636	47.80	550mA	3.78		5.133/1.000	5.13	77.71%
0.121	0.2384	65.07	1A	6.61		5.116/1.500	7.68	78.84%
0.147	0.2873	75.32	1.5A	9.74		5.056/3.003	15.18	77.96%
0.235	0.3599	85.60	3A	19.47				

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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