80 PLUS Verification and Testing Report

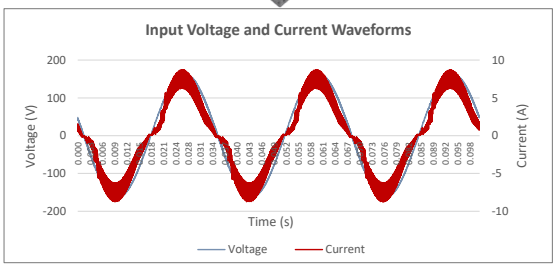
TYPICAL EFFICIENCY (50% Load):	92.11%
AVERAGE EFFICIENCY :	85.42%
AVERAGE STANDBY EFFICIENCY :	78.83%
80 PLUS COMPLIANT:	Gold



ID Number	8218
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	FOCUS v5 GX-1000
Sample 1 S/N:	R2603AA130290011
Sample 2 S/N:	R2603AA1C3501967
Type	ATX 3.1
Test Date	7/7/26

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	13-6.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



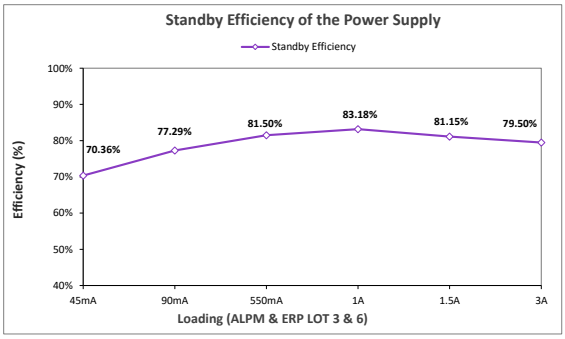
Input AC Current Waveform (ITHD = 15.48%, 50% Load)

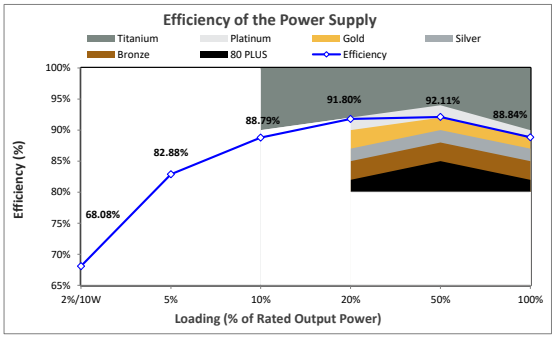
I_{RMS} (A)	PF	I_{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.115	0.6390	31.89	0%	8.47	No-Load						
0.309	**0.8321**	33.28	2%/10W	29.58	12.087/1.458	11.788/0.005	3.314/0.264	5.028/0.264	5.063/0.053	20.14	68.08%
0.605	**0.8726**	29.65	5%	60.76	12.089/3.643	11.786/0.013	3.315/0.661	5.029/0.661	5.058/0.132	50.36	82.88%
1.084	**0.9096**	22.80	10%	113.38	12.091/7.280	11.783/0.026	3.314/1.320	5.029/1.321	5.051/0.263	100.68	88.79%
2.016	**0.9462**	18.33	20%	219.40	12.093/14.563	11.782/0.053	3.313/2.642	5.029/2.642	5.036/0.527	201.42	91.80%
4.857	**0.9784**	15.48	50%	546.71	12.094/36.411	11.790/0.132	3.314/6.607	5.023/6.608	4.990/1.316	503.57	92.11%
9.954	**0.9904**	11.13	100%	1133.58	12.095/72.822	11.802/0.263	3.317/13.213	5.022/13.213	4.910/2.632	1007.08	88.84%

Note: Efficiency data was obtained from Sample 1 (Serial Number: R2603AA130290011)

I_{RMS} (A)	PF	I_{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Standby Efficiency
					5VSB		
0.065	0.0066	13.20	0mA	0.05	Vampire Load		
0.067	**0.0416**	19.45	45mA	0.32	5.046/0.045	0.23	70.36%
0.072	**0.0703**	27.83	90mA	0.59	5.044/0.090	0.45	77.29%
0.106	**0.2774**	71.25	550mA	3.39	5.027/0.550	2.76	81.50%
0.151	**0.3464**	80.81	1A	6.02	5.010/1.000	5.01	83.18%
0.205	**0.3908**	83.84	1.5A	9.22	4.990/1.500	7.48	81.15%
0.340	**0.4757**	84.64	3A	18.62	4.930/3.002	14.80	79.50%

Note: Standby efficiency data was obtained from Sample 2 (Serial Number: R2603AA1C3501967)





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. *https://www.clearesult.com/80plus/ [clearesult.com]*