

80 PLUS Verification and Testing Report

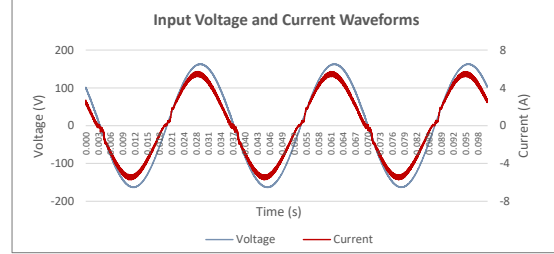
TYPICAL EFFICIENCY (50% Load):	88.88%
AVERAGE EFFICIENCY :	81.28%
AVERAGE STANDBY EFFICIENCY :	75.17%
80 PLUS COMPLIANT:	Bronze



ID Number	7918
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	SRP-CBC751-A5A51JF
Sample 1 S/N:	R2507GA101180004
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	8/6/25

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	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.

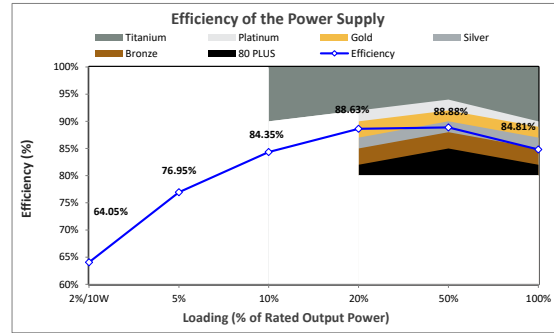
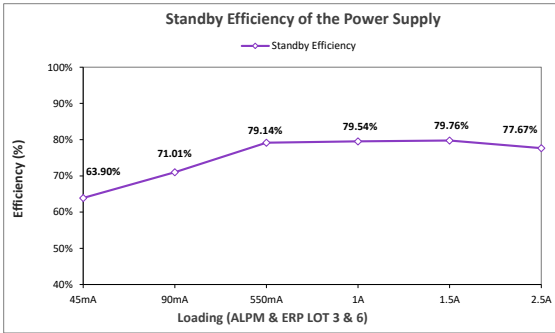


I _{RMS} (A)	PF	I _{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.144	0.4493	32.60	0%	7.44	No-Load						
0.258	0.7918	21.08	2%/10W	23.51	12.038/1.083	11.619/0.005	3.303/0.210	5.043/0.210	5.132/0.044	15.06	64.05%
0.459	0.9272	14.14	5%	48.91	12.037/2.704	11.760/0.013	3.304/0.525	5.043/0.525	5.131/0.109	37.64	76.95%
0.802	0.9666	10.53	10%	89.22	12.038/5.405	11.801/0.026	3.304/1.050	5.043/1.050	5.130/0.218	75.25	84.35%
1.494	0.9886	7.78	20%	169.85	12.038/10.812	11.783/0.052	3.305/2.101	5.045/2.101	5.127/0.436	150.54	88.63%
3.713	0.9918	6.26	50%	423.61	12.039/27.031	12.004/0.131	3.309/5.253	5.048/5.253	5.117/1.090	376.49	88.88%
7.745	0.9971	4.58	100%	888.17	12.044/54.055	12.162/0.262	3.315/10.506	5.052/10.505	5.101/2.180	753.29	84.81%

Note: Efficiency data was obtained from Sample 1 (Serial Number: R2507GA101180004)

I _{RMS} (A)	PF	I _{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Standby Efficiency
					5VSB	Vampire Load					
0.082	0.0076	5.89	0mA	0.07							
0.081	0.0386	13.69	45mA	0.36	5.136/0.045					0.23	63.90%
0.083	0.0681	23.47	90mA	0.65	5.135/0.090					0.46	71.01%
0.115	0.2698	69.06	550mA	3.56	5.130/0.550					2.82	79.14%
0.162	0.3466	80.91	1A	6.44	5.124/1.000					5.12	79.54%
0.213	0.3937	84.61	1.5A	9.62	5.118/1.500					7.68	79.76%
0.329	0.4349	86.93	2.5A	16.45	5.106/2.502					12.77	77.67%

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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