

80 PLUS Verification and Testing Report

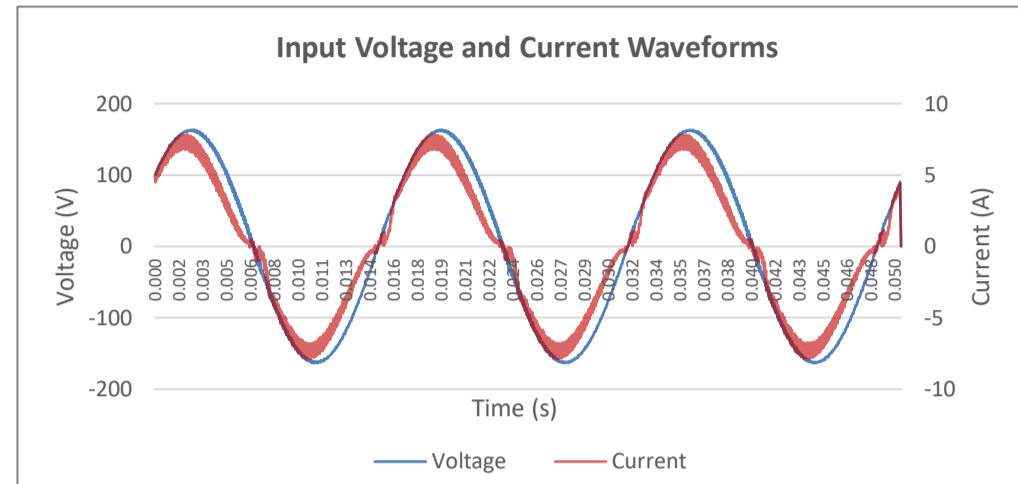
TYPICAL EFFICIENCY (50% Load):	92.69%
AVERAGE EFFICIENCY :	86.61%
AVERAGE STANDBY EFFICIENCY :	79.19%
80 PLUS COMPLIANT:	Platinum



ID Number	7705
Manufacturer	SANR
Model Number	S-1000SF 1000A
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	SFX
Test Date	1/8/25

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	12-7.5	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.



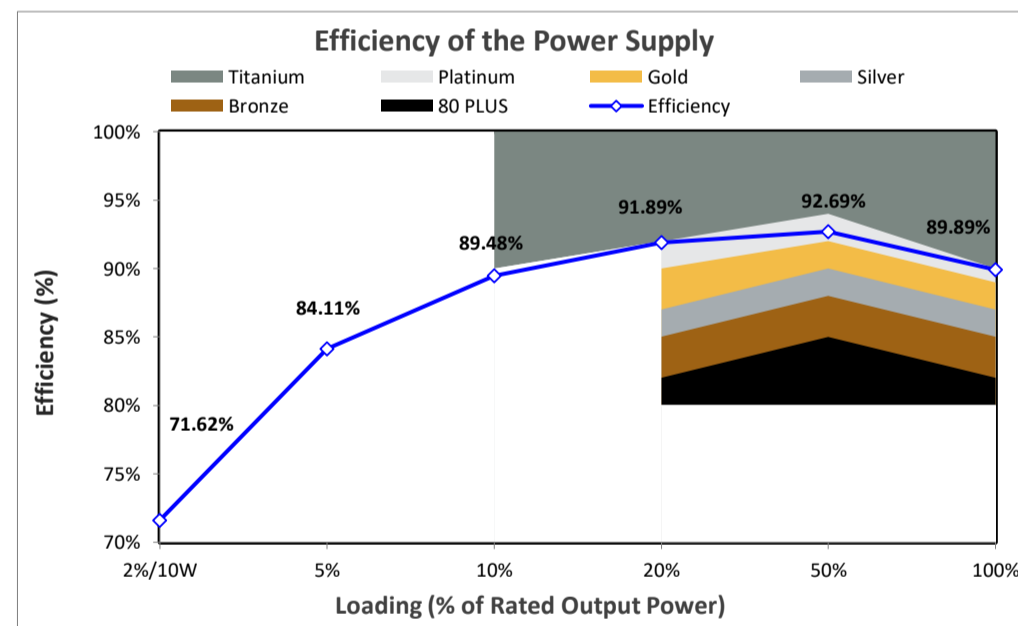
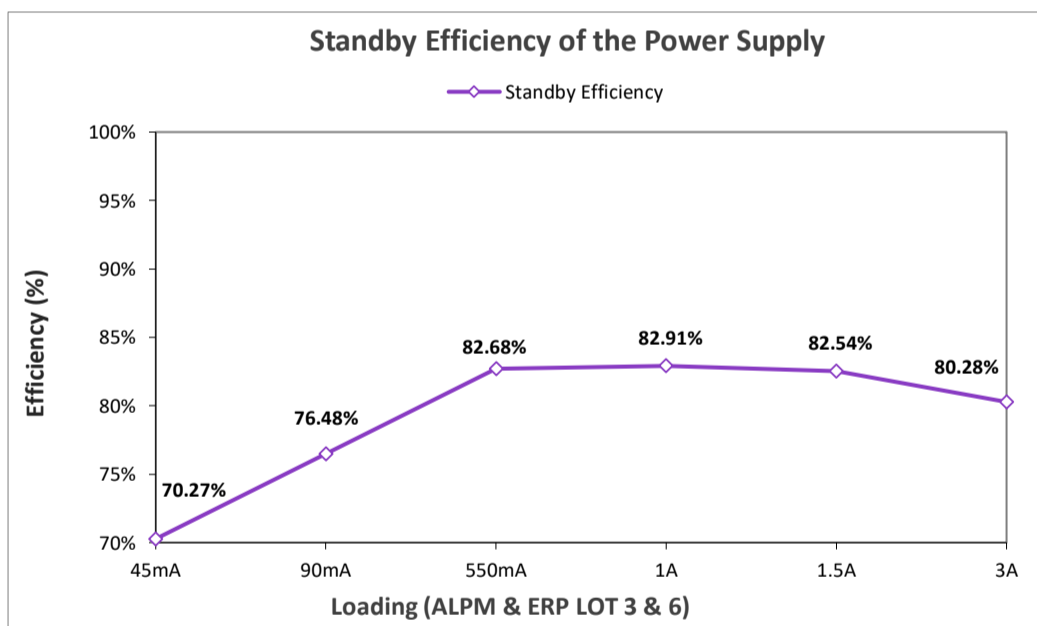
Input AC Current Waveform (ITHD = 11.71%, 50% Load)

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		
0.116	0.2778	18.39	0%	3.69	No-Load						
0.301	0.8157	19.81	2%/10W	28.25	12.124/1.492	12.123/0.005	3.361/0.216	5.085/0.215	5.043/0.054	20.23	71.62%
0.568	0.9197	16.54	5%	60.13	12.129/3.727	12.117/0.013	3.366/0.539	5.089/0.539	5.041/0.134	50.58	84.11%
1.025	0.9600	12.17	10%	113.16	12.136/7.453	12.109/0.027	3.373/1.078	5.095/1.077	5.038/0.268	101.25	89.48%
1.991	0.9624	17.58	20%	220.45	12.142/14.902	12.112/0.054	3.384/2.155	5.109/2.155	5.030/0.537	202.58	91.89%
4.837	0.9849	11.71	50%	547.85	12.169/37.252	12.084/0.134	3.423/5.388	5.148/5.387	5.008/1.342	507.83	92.69%
9.949	0.9932	8.31	100%	1136.50	12.231/74.496	12.069/0.268	3.487/10.775	5.212/10.775	4.970/2.682	1021.63	89.89%

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		
0.082	0.0058	1.63	0mA	0.05		5.041/0.045	0.23	70.27%
0.086	0.0327	9.94	45mA	0.32		5.040/0.090	0.45	76.48%
0.094	0.0547	17.29	90mA	0.59		5.031/0.550	2.77	82.68%
0.123	0.2355	58.37	550mA	3.35		5.023/1.000	5.02	82.91%
0.158	0.3309	73.25	1A	6.06		5.013/1.500	7.52	82.54%
0.202	0.3880	78.59	1.5A	9.11		4.983/3.003	14.96	80.28%
0.363	0.4360	83.30	3A	18.64				

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. <https://www.clearexult.com/80plus/> [clearexult.com]