

80 PLUS Verification and Testing Report

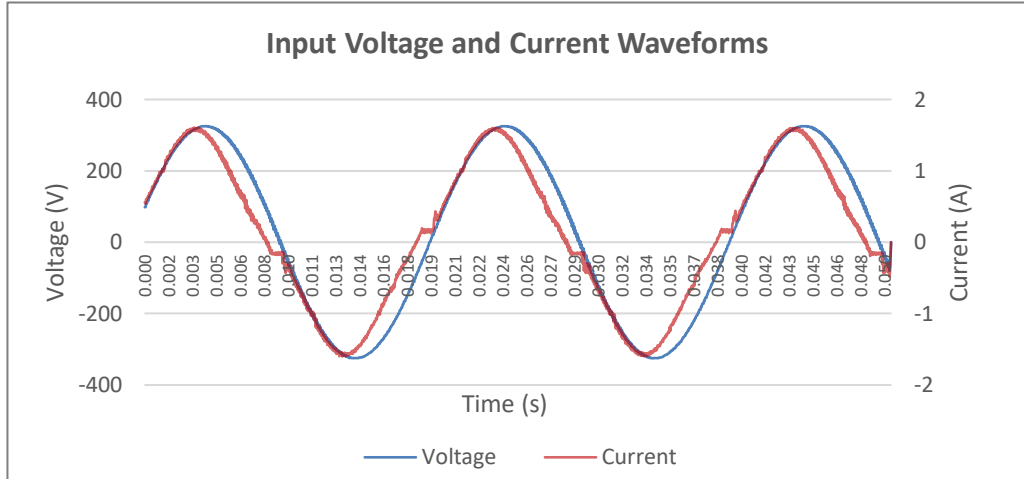
TYPICAL EFFICIENCY (50% Load):	89.34%
AVERAGE EFFICIENCY :	79.52%
AVERAGE STANDBY EFFICIENCY :	72.12%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-1196
Manufacturer	SANR
Model Number	700D-400A-T
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX12V
Test Date	4/9/25

Rated	Value	Units
Input Voltage	200-240	Volts
Input Current	8	Amps
Input Frequency	50-60	Hz
Rated Output Power	400	Watts

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



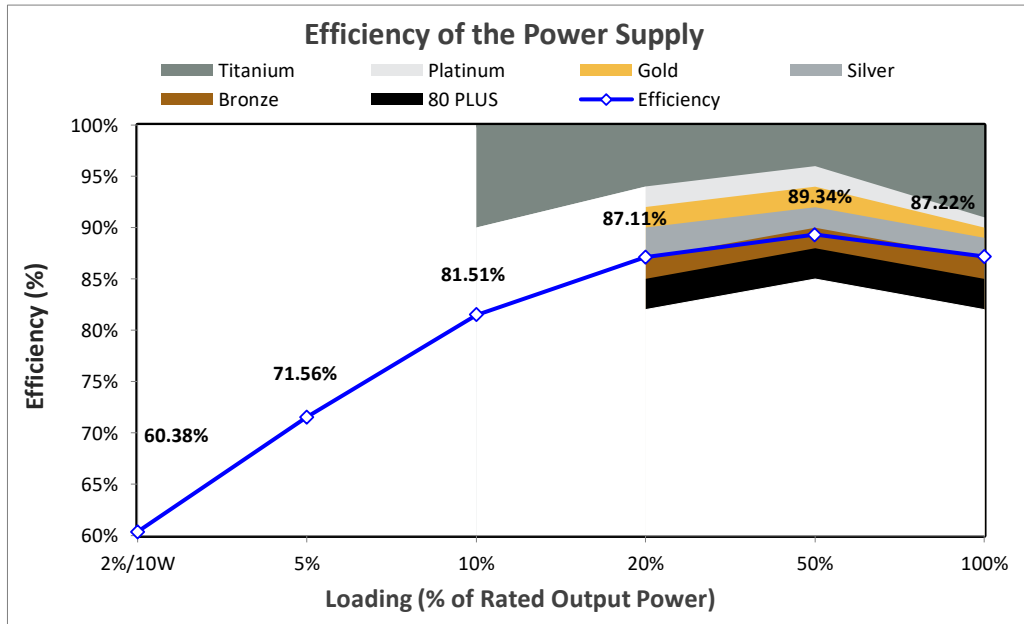
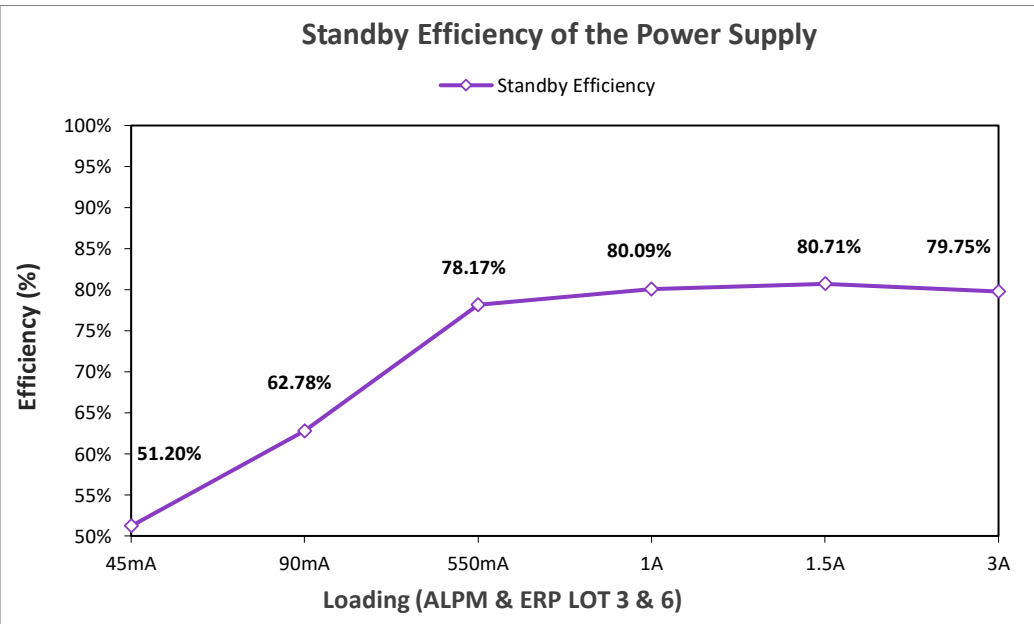
Input AC Current Waveform (ITHD = 11.77%, 50% Load)

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		
0.133	0.2399	20.09	0%	7.32	No-Load						
0.164	0.4487	21.11	2%/10W	16.90	12.043/0.552	0.000/0.000	3.414/0.150	5.110/0.500	5.134/0.100	10.20	60.38%
0.201	0.6104	19.49	5%	28.18	12.043/1.313	11.750/0.012	3.414/0.427	5.109/0.427	5.132/0.118	20.17	71.56%
0.277	0.7771	16.91	10%	49.47	12.044/2.623	11.754/0.024	3.411/0.853	5.107/0.853	5.125/0.236	40.33	81.51%
0.448	0.8983	14.31	20%	92.55	12.045/5.244	11.761/0.047	3.407/1.705	5.102/1.705	5.109/0.472	80.62	87.11%
1.013	0.9681	11.77	50%	225.51	12.048/13.110	11.797/0.118	3.392/4.265	5.086/4.265	5.061/1.181	201.46	89.34%
2.035	0.9855	9.44	100%	461.27	12.051/26.214	11.829/0.236	3.366/8.533	5.057/8.534	4.979/2.361	402.32	87.22%

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			
0.109	0.0067	1.68	0mA	0.17	Vampire Load			
0.109	0.0180	5.63	45mA	0.45	5.137/0.045		0.23	51.20%
0.109	0.0293	9.21	90mA	0.74	5.135/0.090		0.46	62.78%
0.118	0.1329	35.96	550mA	3.60	5.116/0.550		2.81	78.17%
0.132	0.2098	52.42	1A	6.37	5.096/1.000		5.10	80.09%
0.151	0.2706	63.93	1.5A	9.43	5.076/1.500		7.61	80.71%
0.222	0.3679	78.78	3A	18.86	5.010/3.003		15.04	79.75%

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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