

80 PLUS Verification and Testing Report

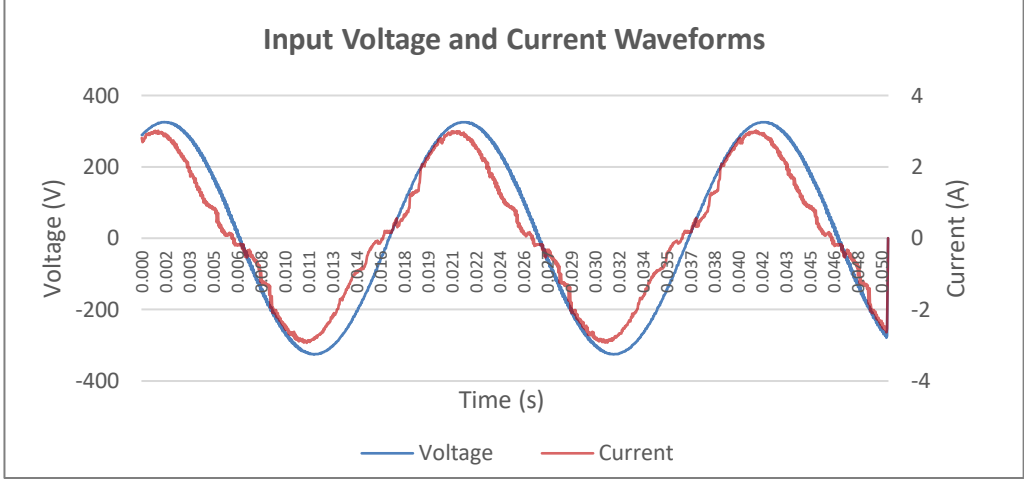
TYPICAL EFFICIENCY (50% Load):	89.75%
AVERAGE EFFICIENCY :	82.30%
AVERAGE STANDBY EFFICIENCY :	73.82%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-1178
Manufacturer	Be Quiet
Model Number	S11-750W
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	2/25/25

Rated	Value	Units
Input Voltage	200-240	Volts
Input Current	5	Amps
Input Frequency	50	Hz
Rated Output Power	750	Watts

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



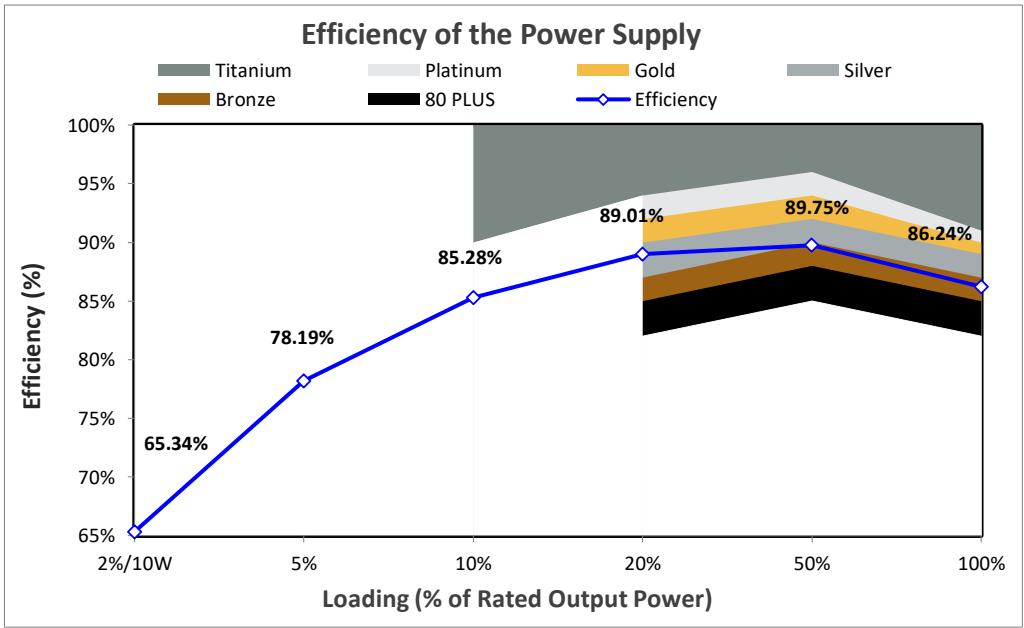
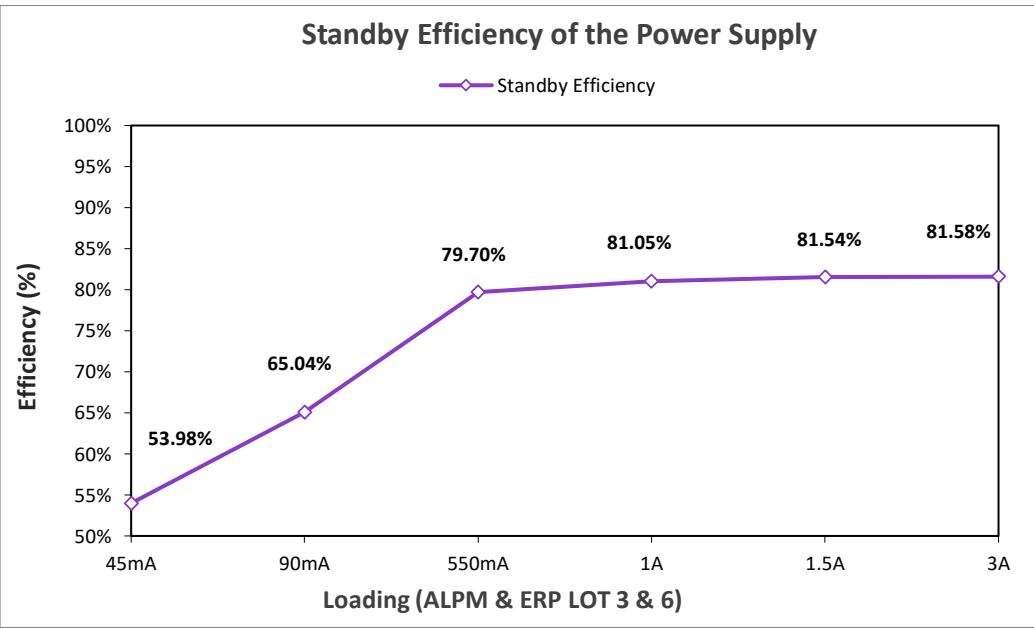
Input AC Current Waveform (ITHD = 15.44%, 50% Load)

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		
0.144	0.1502	8.42	0%	4.97	No-Load						
0.234	0.4329	19.87	2%/10W	23.25	12.132/1.057	11.976/0.005	3.379/0.244	5.084/0.244	5.156/0.051	15.19	65.34%
0.330	0.6384	18.66	5%	48.52	12.120/2.640	11.988/0.013	3.377/0.610	5.081/0.610	5.152/0.127	37.94	78.19%
0.493	0.7840	18.29	10%	88.90	12.113/5.277	12.001/0.025	3.374/1.219	5.075/1.219	5.148/0.253	75.81	85.28%
0.786	0.9414	19.07	20%	170.10	12.096/10.554	12.012/0.051	3.366/2.439	5.063/2.439	5.137/0.507	151.41	89.01%
1.869	0.9768	15.44	50%	419.82	12.048/26.379	12.039/0.127	3.342/6.099	5.024/6.100	5.106/1.266	376.80	89.75%
3.817	0.9865	12.86	100%	866.17	11.949/52.759	12.110/0.253	3.304/12.200	4.964/12.201	5.041/2.532	747.00	86.24%

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			
0.122	0.0052	1.44	0mA	0.15	Vampire Load			
0.122	0.0153	5.05	45mA	0.43	5.135/0.045		0.23	53.98%
0.122	0.0253	8.46	90mA	0.71	5.134/0.090		0.46	65.04%
0.131	0.1177	34.75	550mA	3.54	5.127/0.550		2.82	79.70%
0.145	0.1893	51.44	1A	6.32	5.118/1.000		5.12	81.05%
0.165	0.2478	63.01	1.5A	9.41	5.112/1.500		7.67	81.54%
0.239	0.3395	79.36	3A	18.73	5.089/3.003		15.28	81.58%

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.clearesult.com/80plus/> [\[clearesult.com\]](https://www.clearesult.com/)