80 PLUS Verification and Testing Report

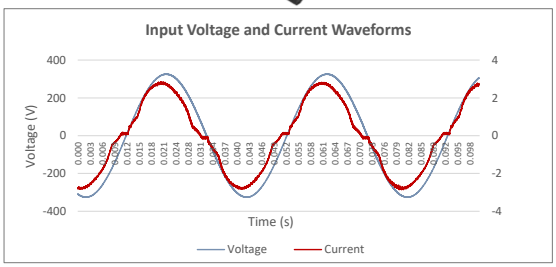
TYPICAL EFFICIENCY (50% Load):	90.16%
AVERAGE EFFICIENCY :	83.82%
AVERAGE STANDBY EFFICIENCY :	68.35%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-1380
Manufacturer	ASRock
Model Number	PRO-750B
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	9/17/26

Rated	Value	Units
Input Voltage	200-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



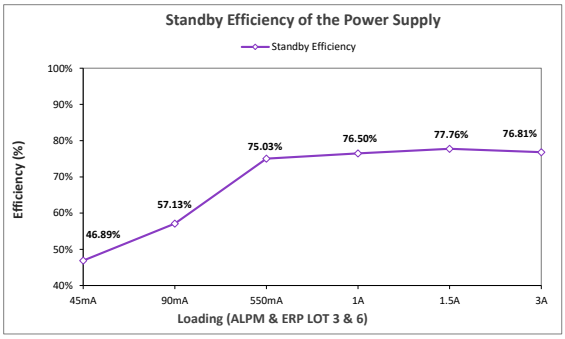
Input AC Current Waveform (ITHD = 12.49%, 50% Load)

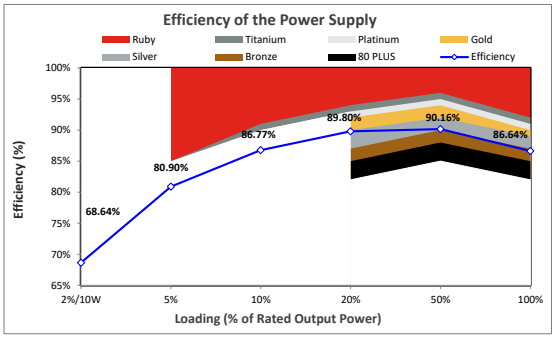
$I_{RMS\ (A)}$	PF	$I_{THD\ (\%)}$	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.115	0.1825	36.73	0%	4.86	No-Load						
0.298	**0.3207**	57.78	2%/10W	22.05	12.114/1.081	11.692/0.005	3.319/0.208	5.029/0.208	5.116/0.052	15.14	68.64%
0.378	**0.5396**	60.43	5%	46.78	12.113/2.700	11.750/0.013	3.319/0.520	5.029/0.520	5.111/0.130	37.84	80.90%
0.498	**0.7611**	44.67	10%	87.18	12.109/5.396	12.186/0.026	3.320/1.040	5.030/1.040	5.101/0.259	75.65	86.77%
0.773	**0.9466**	14.73	20%	168.38	12.100/10.792	12.205/0.052	3.320/2.080	5.030/2.080	5.081/0.518	151.21	89.80%
1.856	**0.9794**	12.49	50%	418.33	12.070/26.981	12.203/0.130	3.321/5.201	5.032/5.202	5.016/1.295	377.15	90.16%
3.812	**0.9887**	10.66	100%	867.24	12.022/53.960	12.259/0.259	3.322/10.402	5.033/10.403	4.908/2.590	751.39	86.64%

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		
0.091	0.0053	2.54	0mA	0.16	Vampire Load		
0.091	**0.0218**	7.91	45mA	0.49	5.121/0.045	0.23	46.89%
0.092	**0.0391**	13.05	90mA	0.81	5.119/0.090	0.46	57.13%
0.102	**0.1577**	45.01	550mA	3.74	5.100/0.550	2.81	75.03%
0.119	**0.2378**	62.87	1A	6.64	5.082/1.000	5.08	76.50%
0.143	**0.2983**	73.11	1.5A	9.76	5.061/1.500	7.59	77.76%
0.223	**0.3795**	84.01	3A	19.51	4.997/2.999	14.98	76.81%

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]*