

80 PLUS Verification and Testing Report

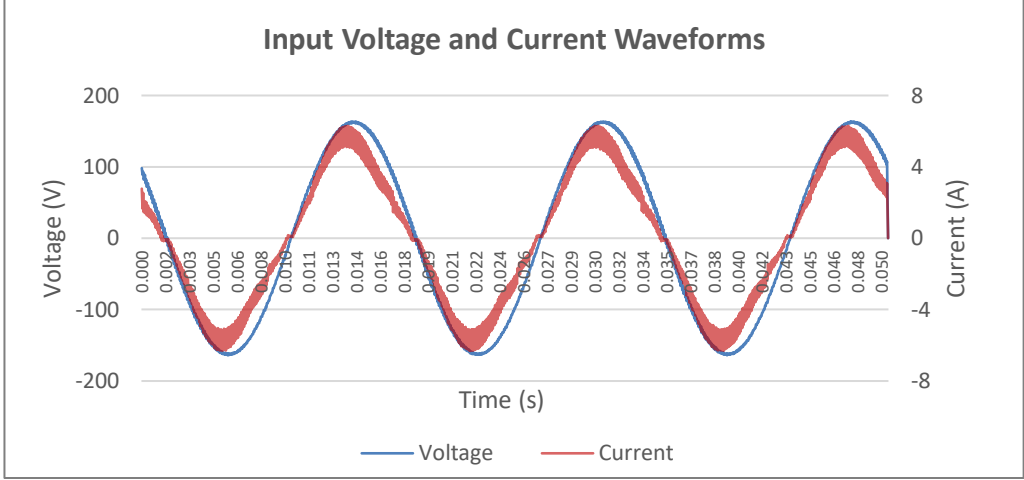
TYPICAL EFFICIENCY (50% Load):	90.54%
AVERAGE EFFICIENCY :	84.84%
AVERAGE STANDBY EFFICIENCY :	77.25%
80 PLUS COMPLIANT:	Gold



ID Number	7693
Manufacturer	Ocypus
Model Number	P750-GF
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	1/3/25

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	9-4.5	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.



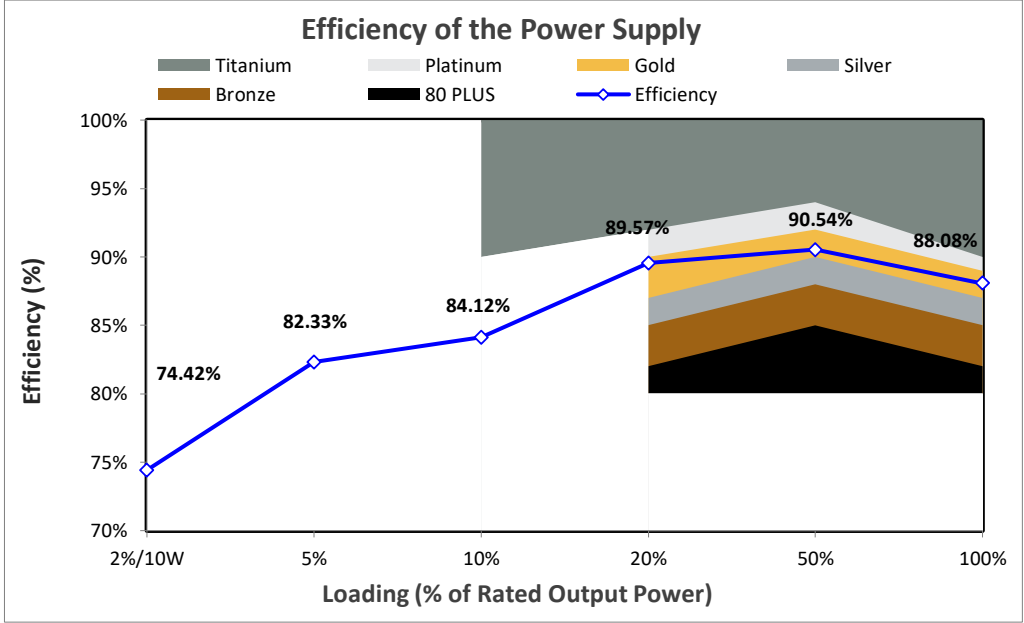
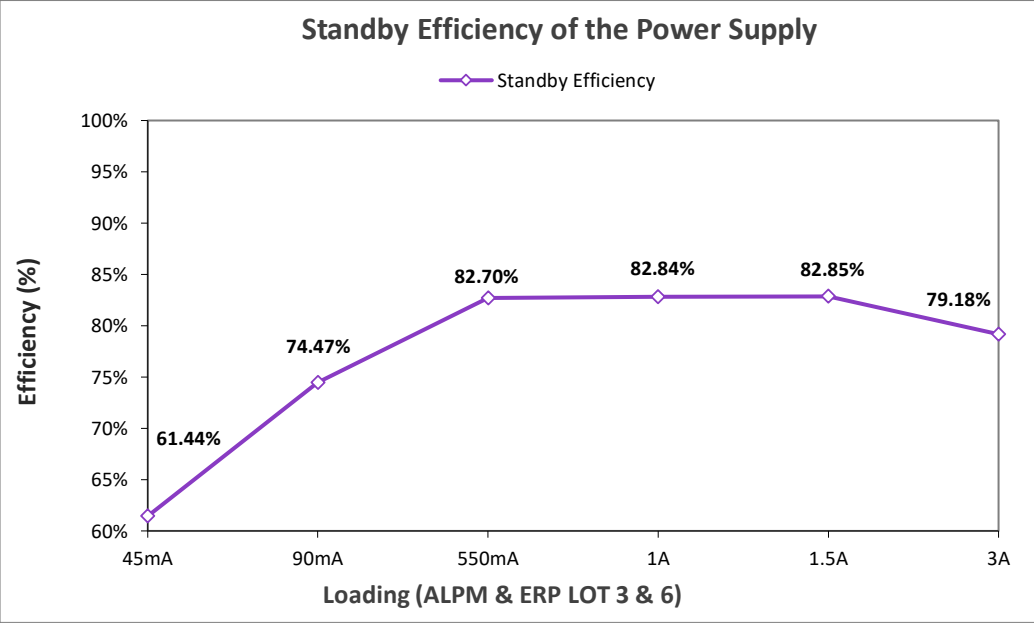
Input AC Current Waveform (ITHD = 12.81%, 50% Load)

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		
0.104	0.2032	22.67	0%	2.42	No-Load						
0.270	0.6493	27.57	2%/10W	20.18	11.995/1.082	11.982/0.005	3.329/0.208	5.030/0.208	5.113/0.052	15.02	74.42%
0.452	0.8792	16.07	5%	45.66	12.012/2.700	11.998/0.013	3.336/0.520	5.033/0.520	5.104/0.130	37.59	82.33%
0.821	0.9558	9.21	10%	90.25	12.149/5.399	11.998/0.026	3.334/1.040	5.040/1.040	5.098/0.259	75.92	84.12%
1.510	0.9770	10.31	20%	169.70	12.156/10.796	12.074/0.052	3.372/2.081	5.047/2.080	5.056/0.518	151.99	89.57%
3.718	0.9852	12.81	50%	421.46	12.203/26.986	12.224/0.130	3.434/5.202	5.071/5.201	4.972/1.295	381.59	90.54%
7.627	0.9872	12.36	100%	866.56	12.218/53.968	12.433/0.259	3.368/10.403	5.101/10.403	4.890/2.590	763.25	88.08%

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		
0.064	0.0091	2.81	0mA	0.07		5.121/0.045	0.23	61.44%
0.065	0.0499	15.27	45mA	0.37		5.119/0.090	0.46	74.47%
0.067	0.0802	22.61	90mA	0.62		5.102/0.550	2.81	82.70%
0.098	0.3000	68.97	550mA	3.39		5.085/1.000	5.09	82.84%
0.137	0.3888	78.86	1A	6.14		5.066/1.500	7.60	82.85%
0.185	0.4316	82.59	1.5A	9.17		5.004/3.003	15.02	79.18%
0.342	0.4824	85.19	3A	18.97				

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/)