

80 PLUS Verification and Testing Report

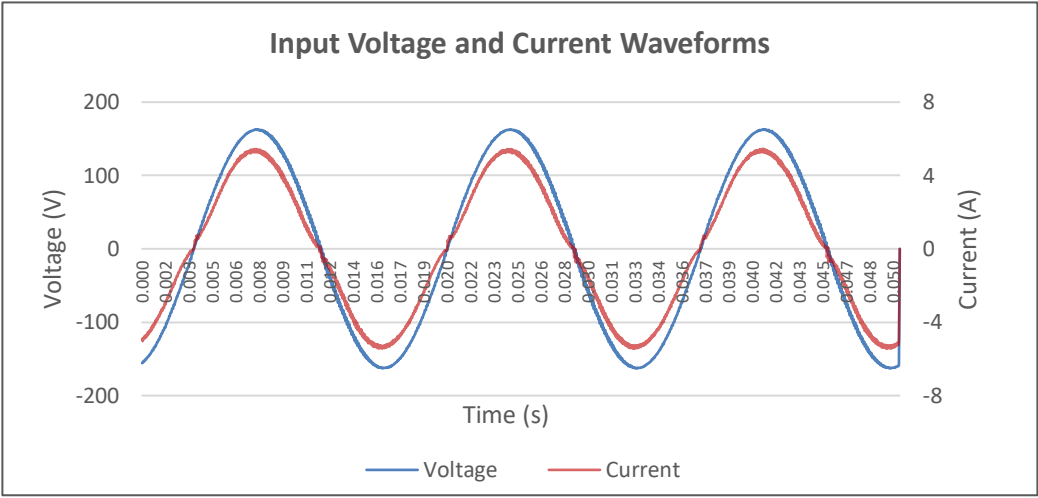
TYPICAL EFFICIENCY (50% Load):	91.46%
AVERAGE EFFICIENCY :	87.63%
80 PLUS COMPLIANT:	Gold



ID Number	7508
Manufacturer	dark Flash
Model Number	PMT750
Serial Number	N/A
Type	ATX12V
Test Date	8/20/24

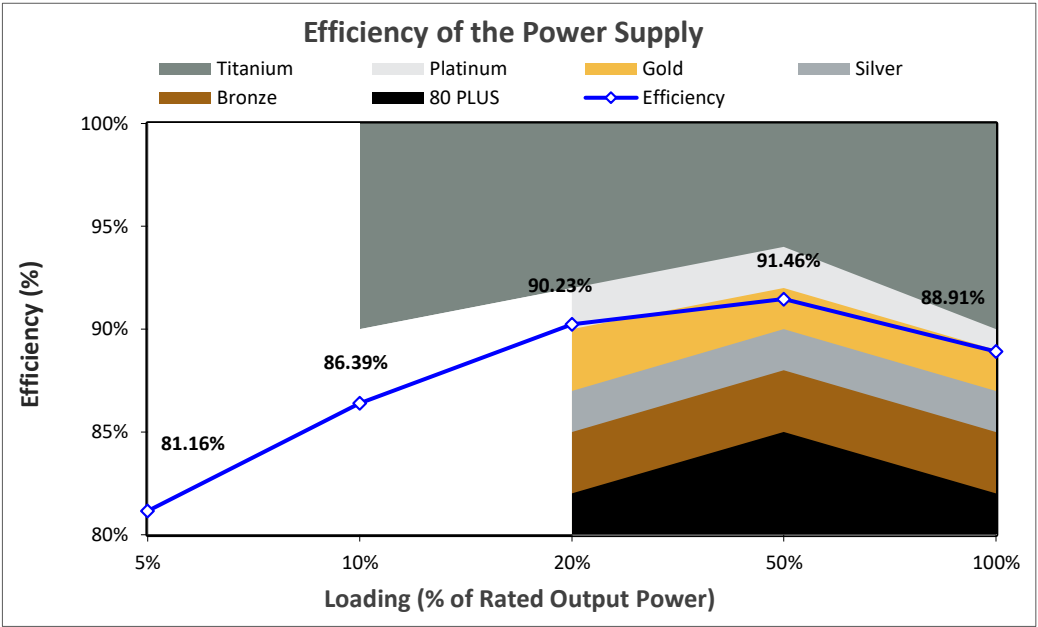
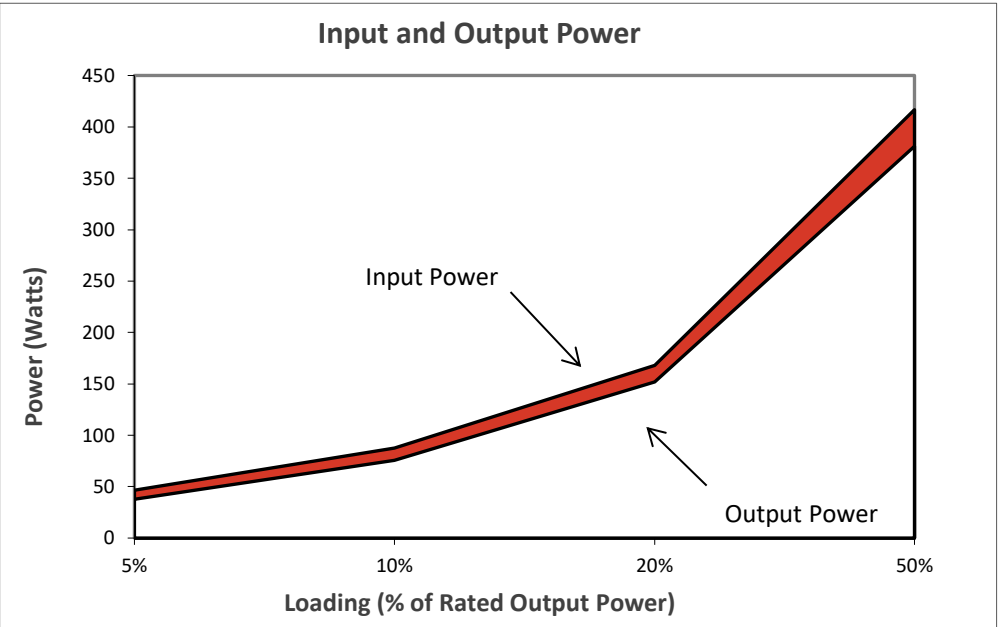
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 6.02%, 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		
0.086	0.4455	44.04	0%	4.40	No-Load						
0.427	0.9475	14.62	5%	46.58	12.09/2.7	11.96/0.013	3.35/0.52	5.01/0.52	5.1/0.13	37.80	81.16%
0.775	0.9825	8.74	10%	87.62	12.11/5.4	11.96/0.026	3.35/1.04	5.01/1.04	5.1/0.259	75.69	86.39%
1.474	0.9912	8.47	20%	168.10	12.14/10.8	11.96/0.052	3.35/2.08	5.01/2.08	5.08/0.518	151.68	90.23%
3.635	0.9970	6.02	50%	416.72	12.22/26.99	11.97/0.13	3.35/5.2	5.01/5.2	5.04/1.295	381.15	91.46%
7.523	0.9983	4.91	100%	863.54	12.32/53.97	12/0.259	3.35/10.4	5.01/10.4	4.96/2.59	767.78	88.91%



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. <http://www.80plus.org/>