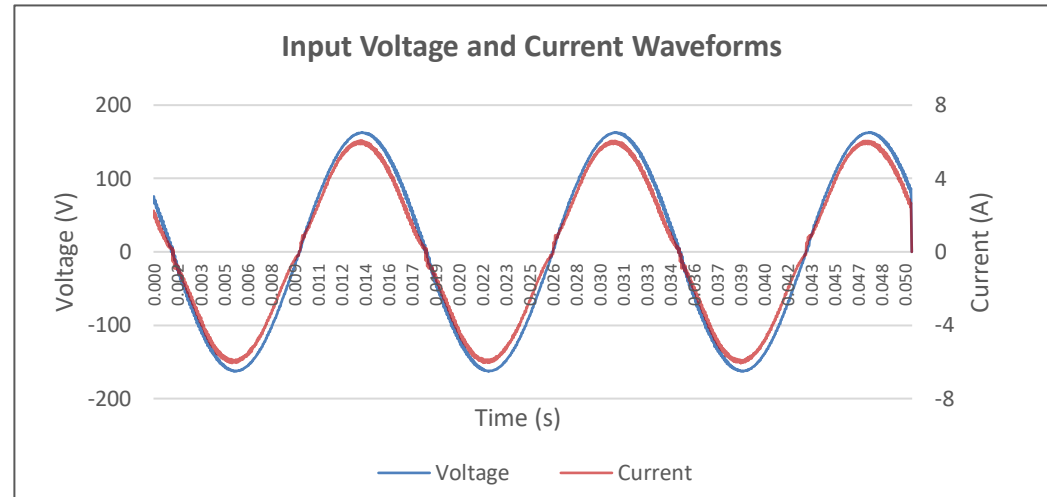


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.51%
AVERAGE EFFICIENCY :	88.24%
80 PLUS COMPLIANT:	Gold



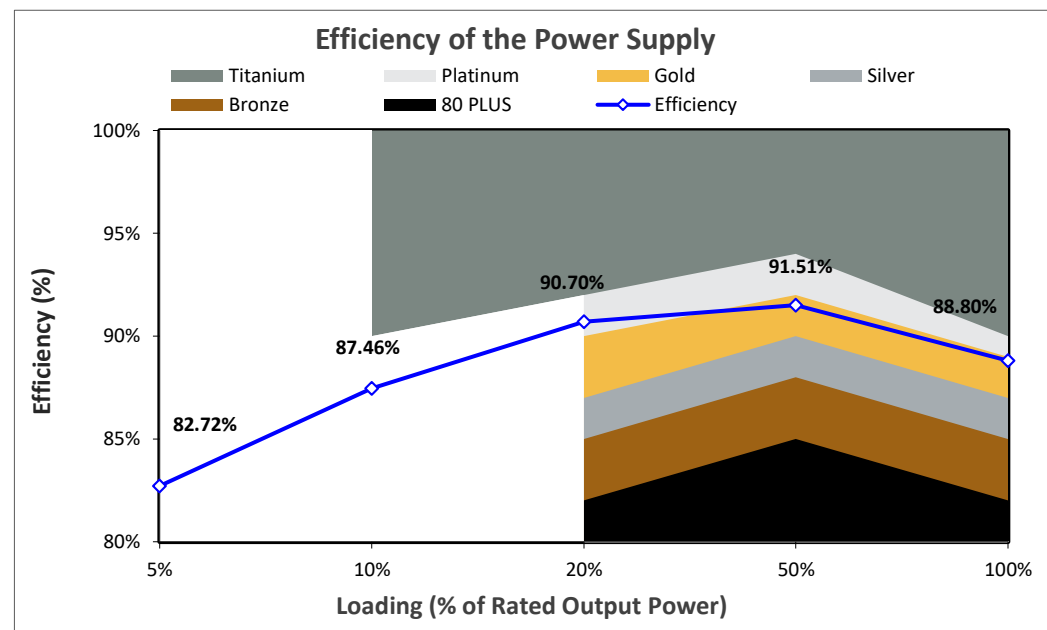
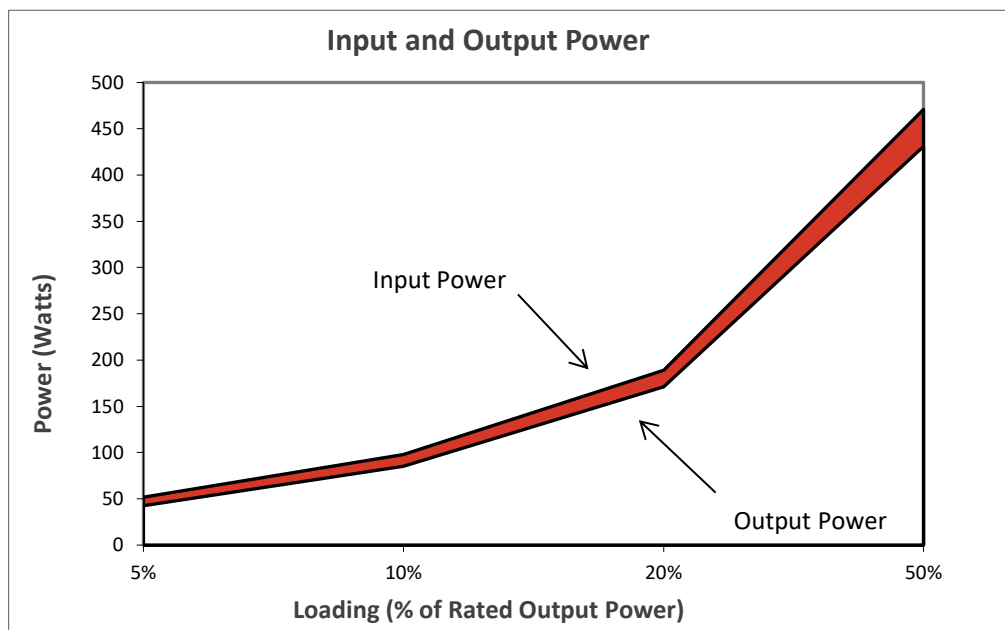
ID Number	7509
Manufacturer	dark Flash
Model Number	PMT850
Serial Number	N/A
Type	ATX12V
Test Date	8/20/24



Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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

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	5Vstb		
0.083	0.4505	45.02	0%	4.29	No-Load						
0.471	0.9516	17.27	5%	51.57	12.03/3.11	11.98/0.013	3.35/0.53	4.99/0.53	5.13/0.132	42.65	82.72%
0.862	0.9843	8.22	10%	97.64	12.05/6.22	11.99/0.026	3.35/1.06	4.98/1.06	5.12/0.263	85.40	87.46%
1.650	0.9946	5.12	20%	188.70	12.08/12.43	12.01/0.053	3.35/2.12	4.98/2.12	5.1/0.527	171.15	90.70%
4.102	0.9983	4.22	50%	470.87	12.18/31.08	12.01/0.132	3.35/5.29	4.98/5.29	5.05/1.317	430.88	91.51%
8.542	0.9989	3.99	100%	980.96	12.34/62.16	12.05/0.263	3.35/10.58	4.98/10.58	4.97/2.633	871.12	88.80%



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/>