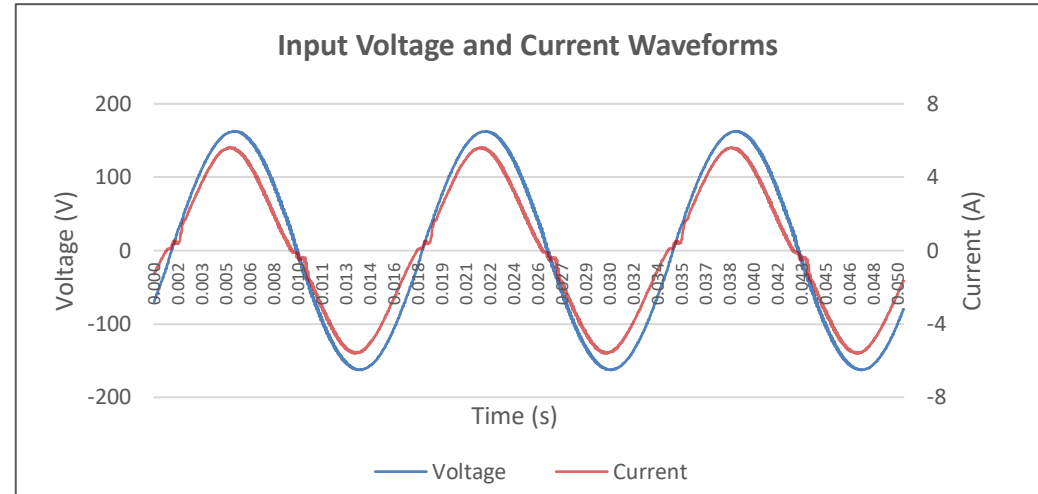


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.75%
AVERAGE EFFICIENCY :	88.85%
80 PLUS COMPLIANT:	Gold



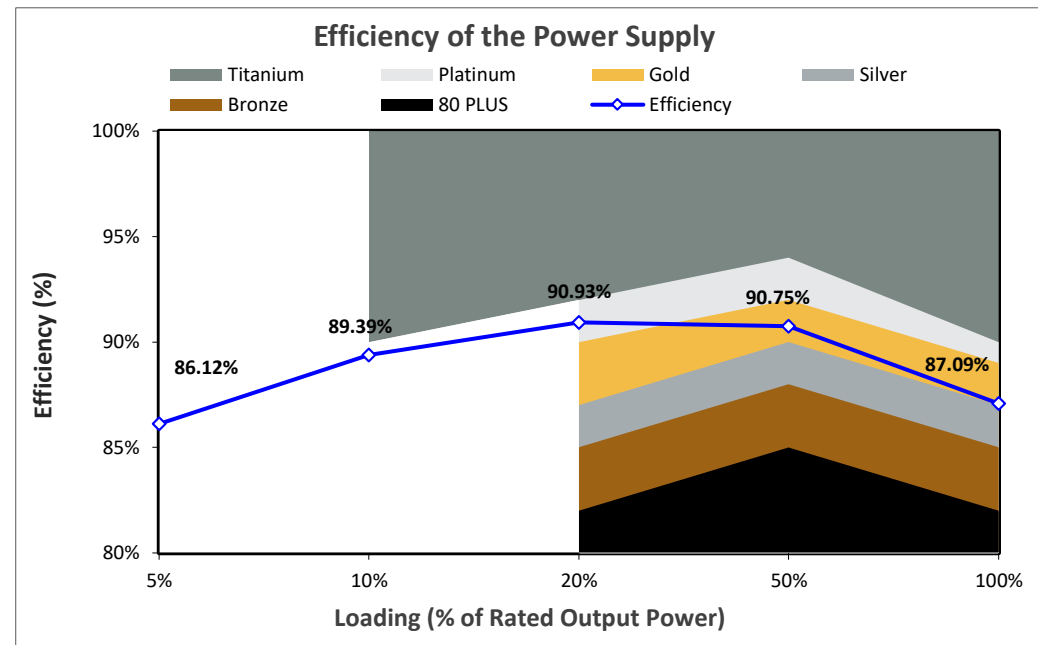
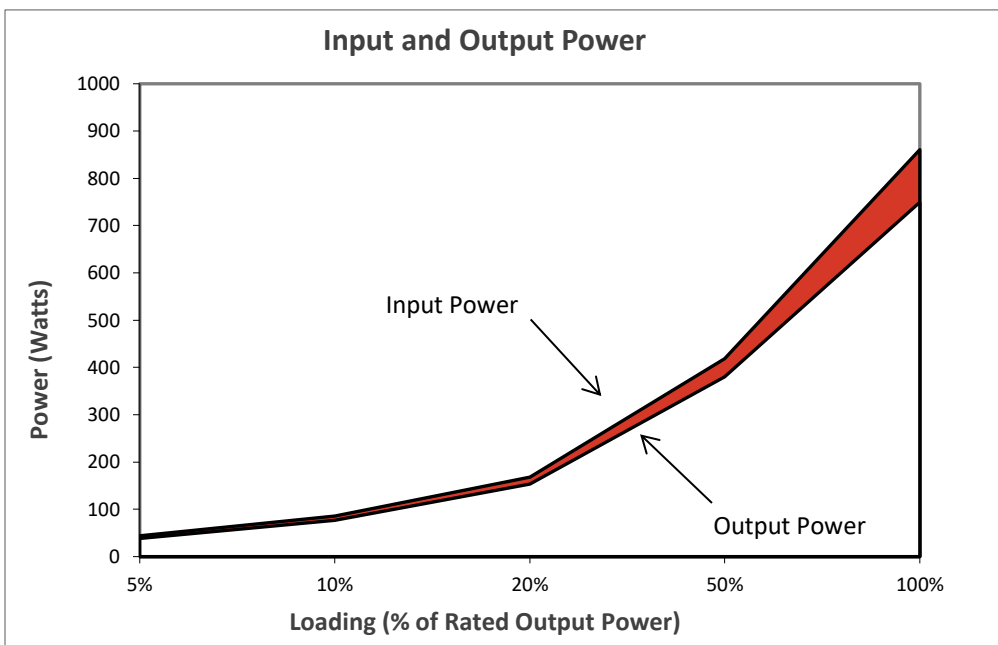
ID Number	7446
Manufacturer	Spire Technology Ltd
Model Number	XTY850G-750W
Serial Number	N/A
Type	ATX12V
Test Date	7/16/24



Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	9-7	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.

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
0.108	0.1172	12.87	0%	1.46	No-Load						
0.431	0.8997	13.27	5%	44.57	12.3/2.63	12.1/0.021	3.37/0.63	5.08/0.63	5.05/0.084	38.38	86.12%
0.770	0.9680	9.73	10%	85.79	12.29/5.27	12.12/0.042	3.36/1.26	5.06/1.26	5.04/0.168	76.69	89.39%
1.500	0.9757	12.93	20%	168.29	12.27/10.53	12.17/0.084	3.35/2.53	5.04/2.53	5.02/0.337	153.03	90.93%
3.672	0.9906	9.94	50%	418.43	12.19/26.32	12.33/0.211	3.3/6.32	4.97/6.32	4.96/0.842	379.73	90.75%
7.514	0.9956	7.48	100%	860.62	12.07/52.64	12.64/0.421	3.19/12.63	4.82/12.63	4.83/1.684	749.48	87.09%



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/>