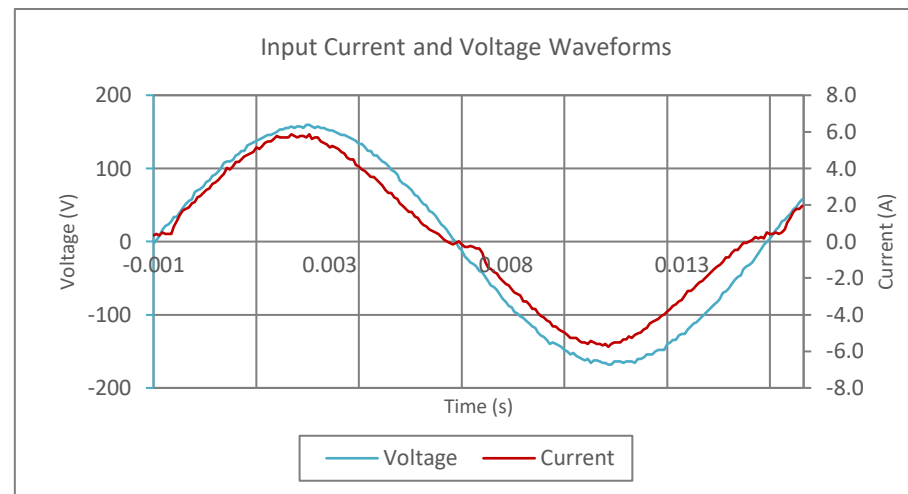


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	89.42%
AVERAGE EFFICIENCY :	87.77%
80 PLUS COMPLIANT:	YES



ID Number	5451.5
Manufacturer	Spire Technology Ltd
Model Number	XTY850D-750W
Serial Number	N/A
Year	2018
Type	ATX12V
Test Date	12/17/18

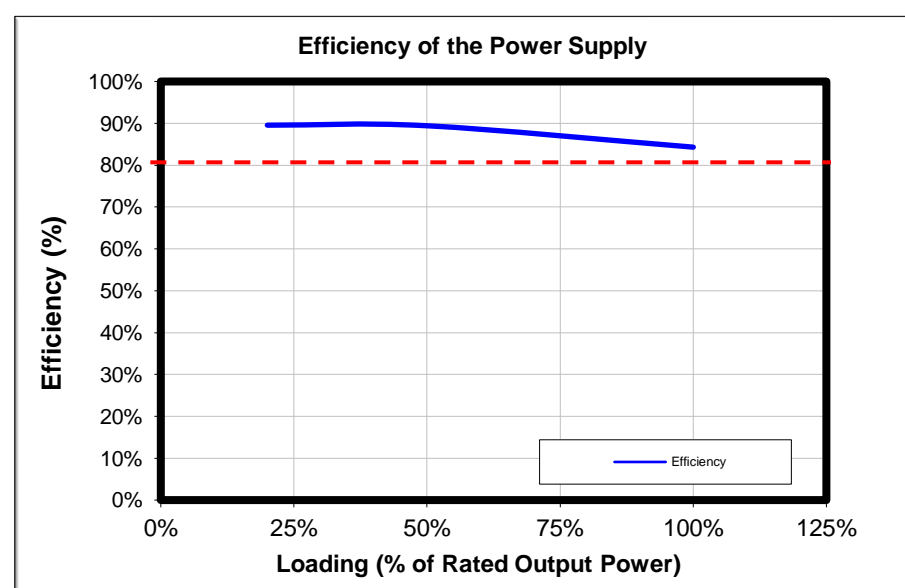
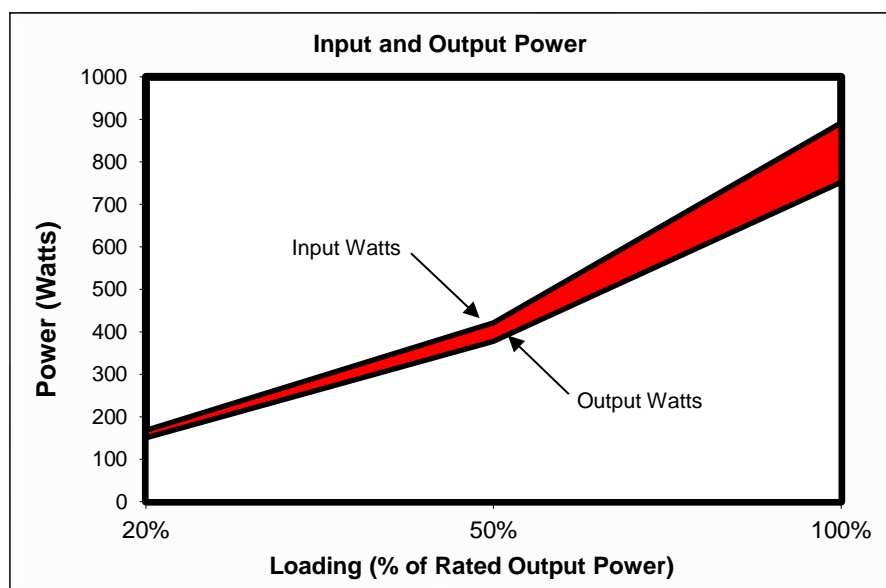


Input AC Current Waveform (ITHD = 11.46%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	115~230	Volts
Input Current	9~4	Amps
Input Frequency	60~50	Hz
Rated Output Power	750	Watts

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

I _{RMS}	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		
0.78	0.99	11.44%	10%	88.51	12.03/5.11	12.25/0.05	3.34/1.49	4.99/1.49	5.07/0.2	75.54	85.34%
1.49	0.98	14.51%	20%	168.27	12.04/10.2	12.23/0.1	3.34/2.98	4.99/2.96	5.07/0.4	150.70	89.56%
3.70	0.99	11.46%	50%	421.40	12.02/25.54	12.14/0.25	3.34/7.46	4.99/7.39	5.05/1	376.83	89.42%
7.80	0.99	9.04%	100%	891.90	12/51.04	12.35/0.5	3.34/14.91	4.98/14.75	5.03/1.99	752.00	84.31%



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/>