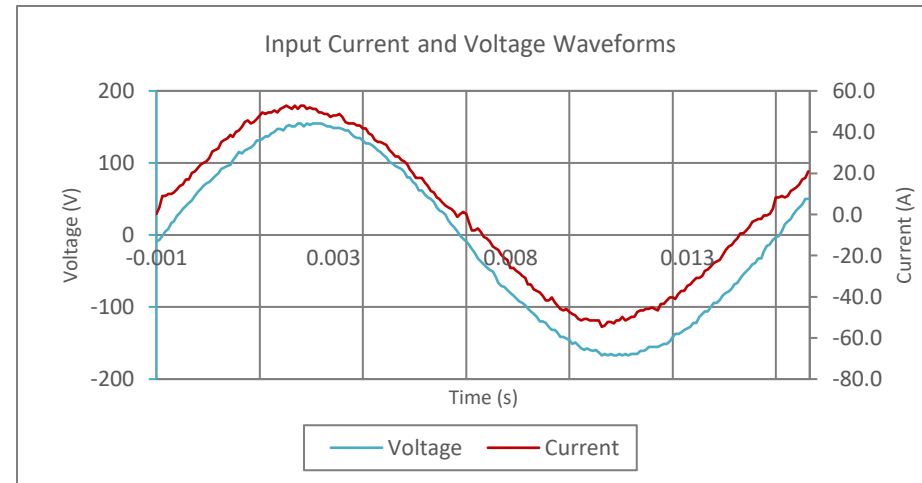


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.46%
AVERAGE EFFICIENCY :	91.49%
80 PLUS COMPLIANT:	YES



ID Number	5537
Manufacturer	Fractal Design
Model Number	FD-PSU-IONP-760P-BK
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	4/2/19

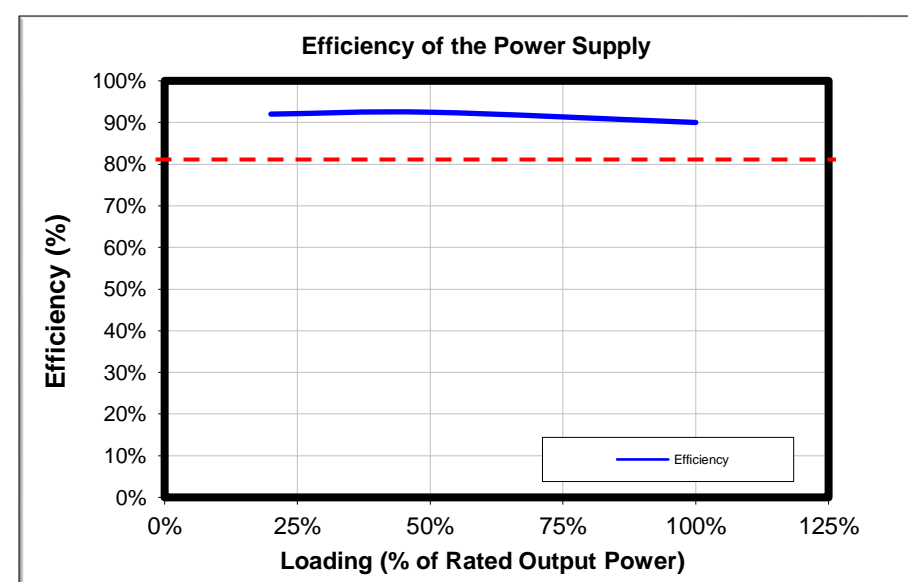
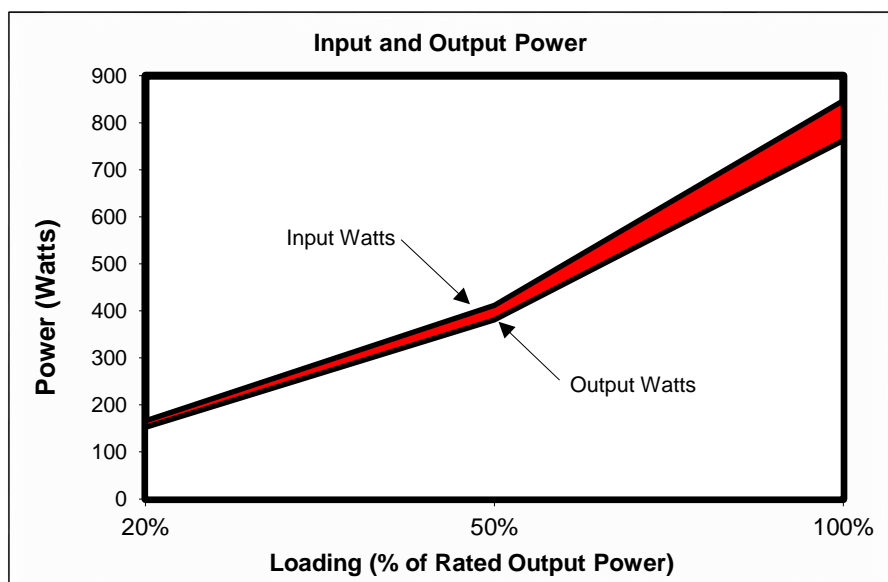


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	760	Watts

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

Input AC Current Waveform (ITHD = 4.14%, 50% Load)

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	0.96	18.57%	10%	86.30	12.03/5.37	12.05/0.03	3.33/1.22	5.02/1.22	5.02/0.25	76.39	88.51%
1.47	0.99	13.22%	20%	166.30	12.03/10.76	11.91/0.05	3.34/2.45	5.02/2.44	5.01/0.51	153.01	92.01%
3.60	1.00	4.14%	50%	412.30	11.98/26.9	11.56/0.13	3.36/6.13	5.02/6.07	5/1.27	381.22	92.46%
7.38	1.00	3.47%	100%	846.90	11.99/53.74	12.05/0.25	3.39/12.24	5.03/12.11	4.98/2.54	762.23	90.00%



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/>

