

80 PLUS Verification and Testing Report

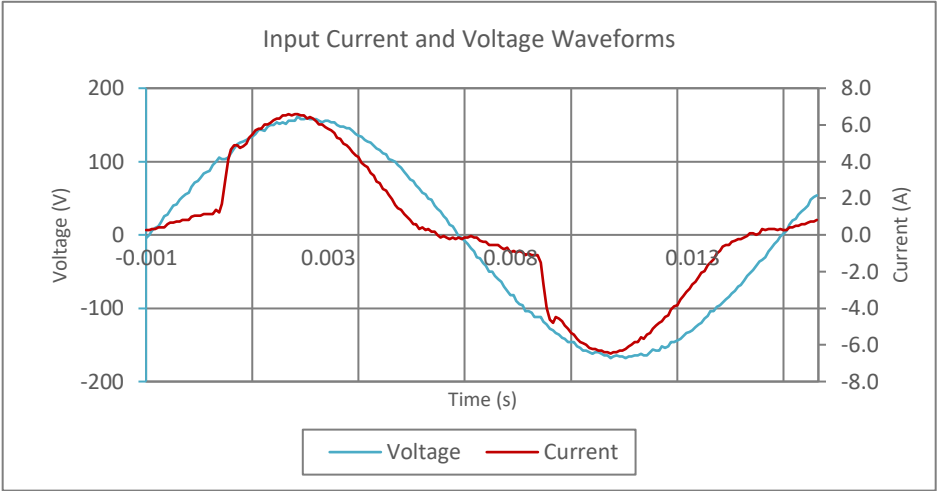
TYPICAL EFFICIENCY (50% Load):	92.06%
AVERAGE EFFICIENCY :	91.34%
80 PLUS COMPLIANT:	YES



ID Number	6760
Manufacturer	ApextechUSA LLC.
Model Number	SFX-750
Serial Number	N/A
Year	2022
Type	SFX
Test Date	1/24/22

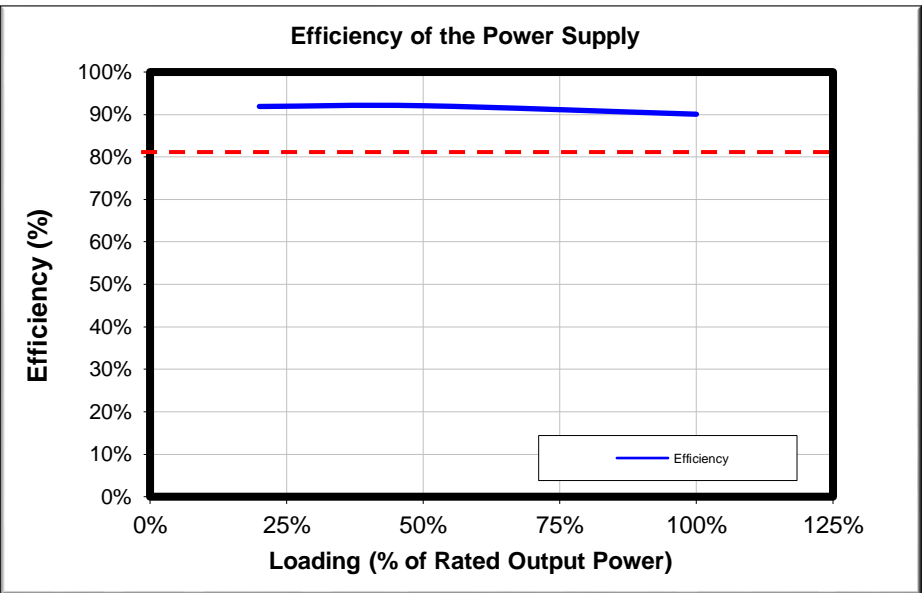
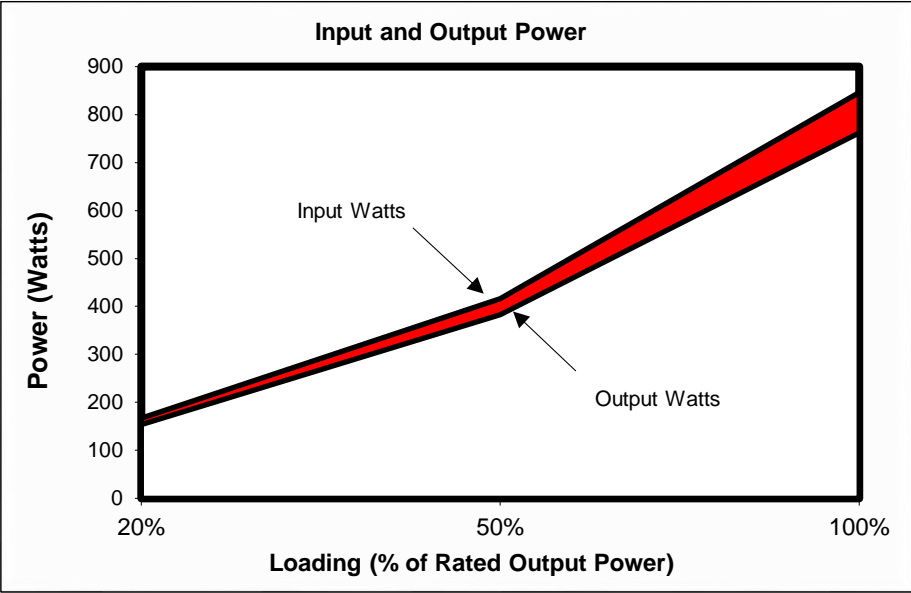
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-6	Amps
Input Frequency	47-63	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 30.46%, 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	0.97	25.24%	10%	86.99	12.26/5.44	12.04/0.03	3.36/1.09	5.06/1.03	5.04/0.17	76.69	88.16%
1.55	0.94	33.37%	20%	166.97	12.26/10.88	12.05/0.05	3.36/2.19	5.07/2.05	5.03/0.35	153.42	91.89%
3.78	0.95	30.46%	50%	415.70	12.22/27.22	12.04/0.13	3.36/5.47	5.05/5.08	5.01/0.87	382.71	92.06%
7.64	0.96	27.00%	100%	846.00	12.19/54.3	12.06/0.26	3.35/10.97	5.05/10.16	4.97/1.75	761.94	90.06%



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/>