

80 PLUS Verification and Testing Report

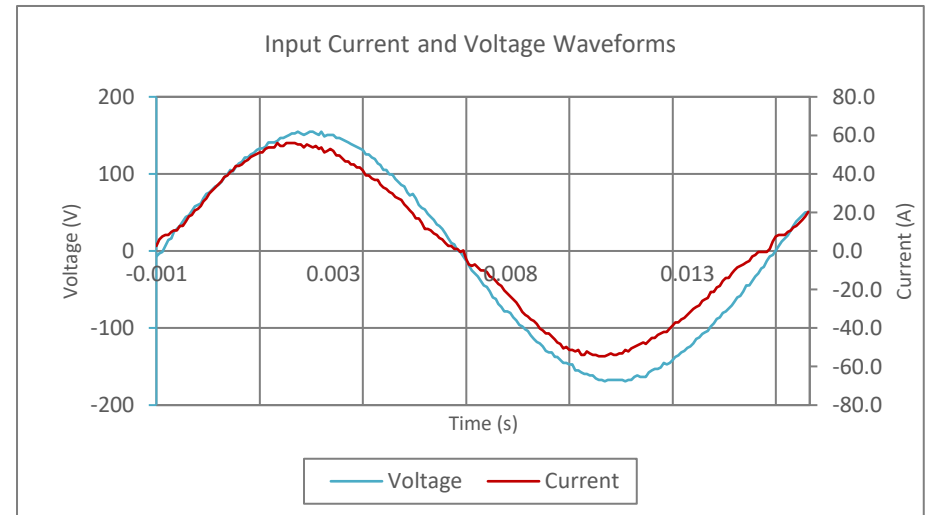
TYPICAL EFFICIENCY (50% Load):	91.54%
AVERAGE EFFICIENCY :	90.37%
80 PLUS COMPLIANT:	YES



ID Number	5520.1
Manufacturer	Nanjing Huaqi Information Technology Developments Co., Ltd.
Model Number	OEM_ES750
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	3/19/19

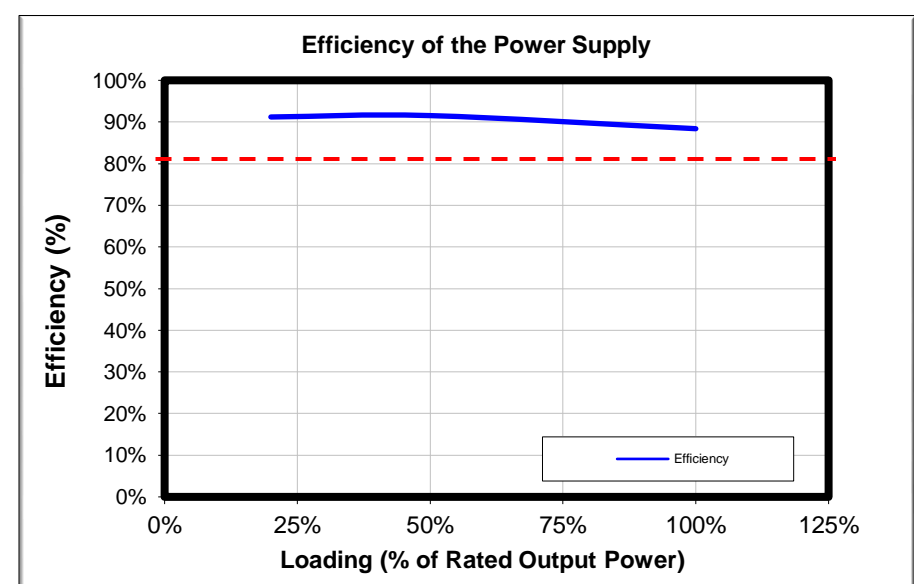
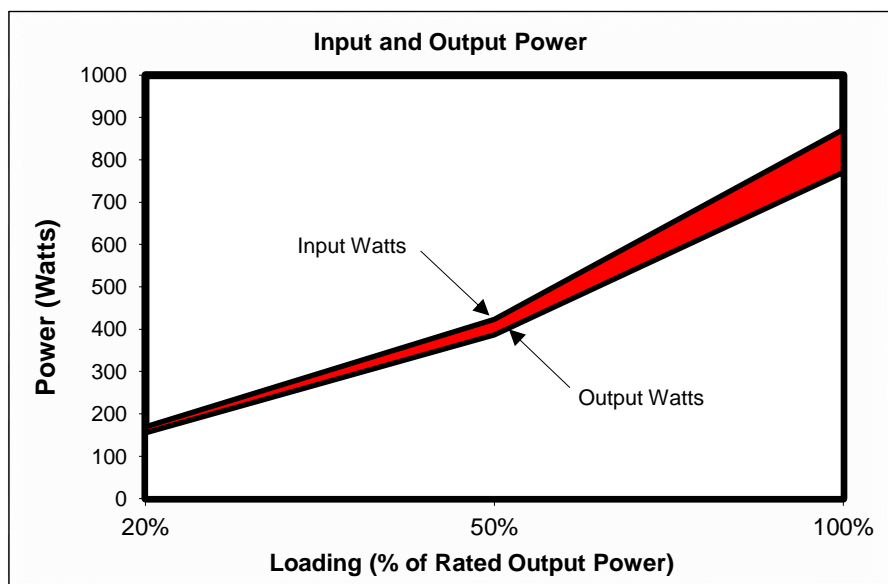
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 7.02%, 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		
0.87	0.88	18.27%	10%	88.10	12.4/5.4	12.17/0.05	3.38/1.04	5.07/1.04	5.12/0.25	77.58	88.05%
1.58	0.93	11.42%	20%	169.90	12.39/10.78	12.18/0.1	3.37/2.09	5.06/2.08	5.07/0.5	154.95	91.20%
3.74	0.98	7.02%	50%	422.80	12.38/26.99	12.2/0.25	3.34/5.22	5.03/5.18	5.04/1.25	387.01	91.54%
7.66	0.99	7.44%	100%	871.70	12.36/53.91	12.19/0.5	3.29/10.45	4.99/10.34	4.94/2.49	770.46	88.39%



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/>

