

80 PLUS Verification and Testing Report

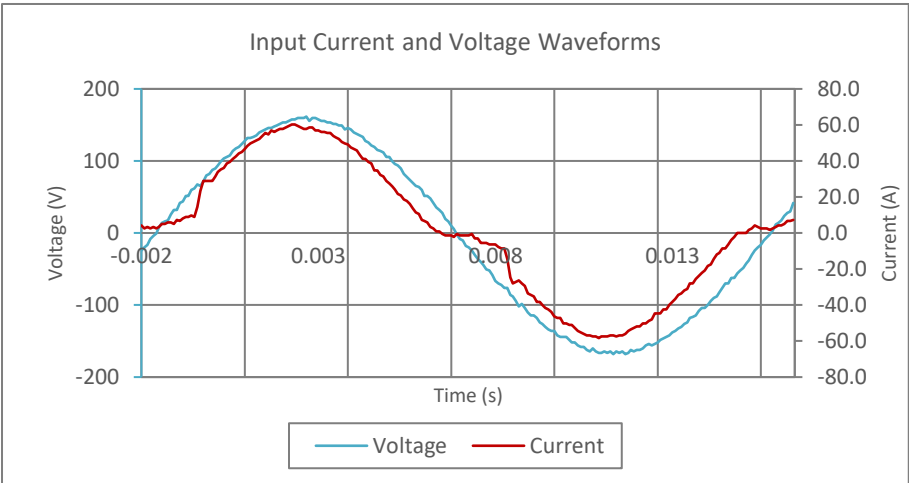
TYPICAL EFFICIENCY (50% Load):	88.50%
AVERAGE EFFICIENCY :	87.00%
80 PLUS COMPLIANT:	YES



ID Number	6081.1
Manufacturer	ASUSTek COMPUTER INC.
Model Number	TUF-750B-GAMING
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	9/9/20

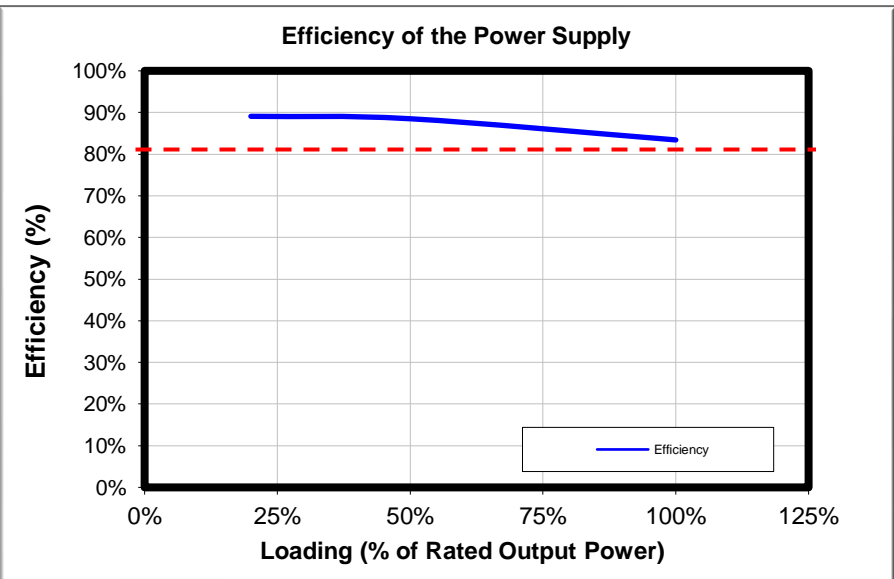
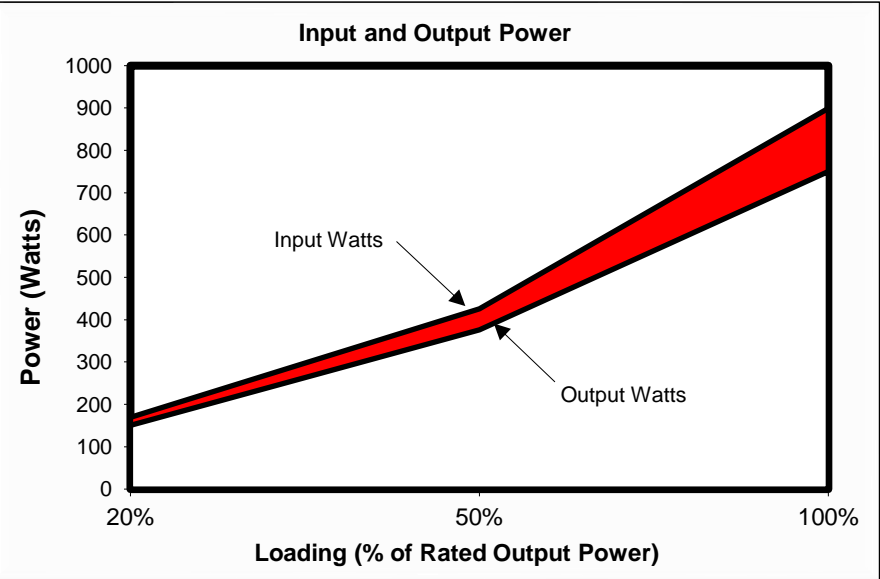
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	47-63	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 16.81%, 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		
0.80	0.97	23.51%	10%	88.53	12.03/5.19	11.98/0.07	3.32/1.31	5.12/1.31	5.09/0.25	75.64	85.44%
1.52	0.97	22.76%	20%	169.59	12.03/10.4	11.98/0.13	3.32/2.61	5.12/2.59	5.09/0.5	151.07	89.08%
3.76	0.98	16.81%	50%	425.30	11.97/26	12.01/0.33	3.31/6.55	5.11/6.48	5.07/1.25	376.38	88.50%
7.87	0.99	9.35%	100%	899.20	11.93/51.98	12.04/0.67	3.3/13.09	5.1/12.94	5.04/2.5	750.05	83.41%



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/>

