

80 PLUS Verification and Testing Report

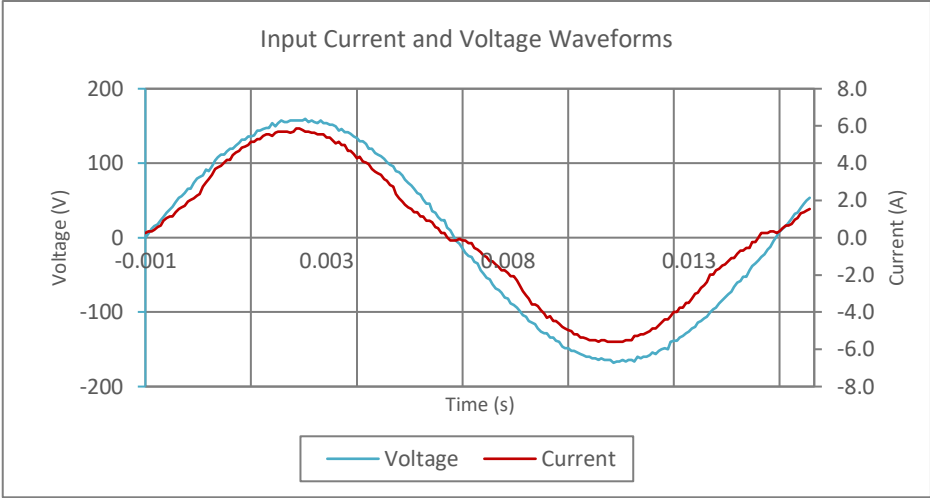
TYPICAL EFFICIENCY (50% Load):	88.71%
AVERAGE EFFICIENCY :	86.96%
80 PLUS COMPLIANT:	YES



ID Number	6773.4
Manufacturer	ASUS
Model Number	PRIME-750B-BLACK
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	2/4/22

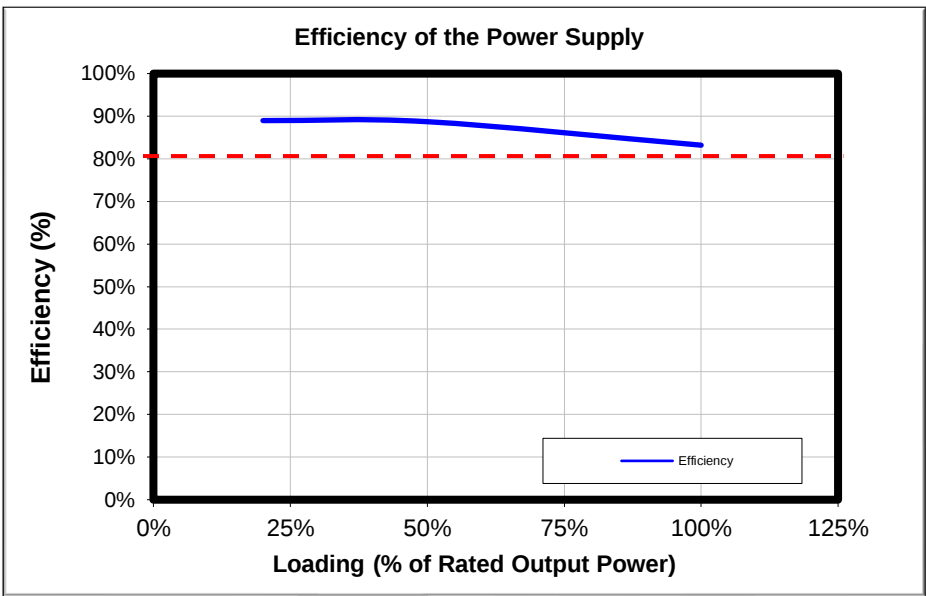
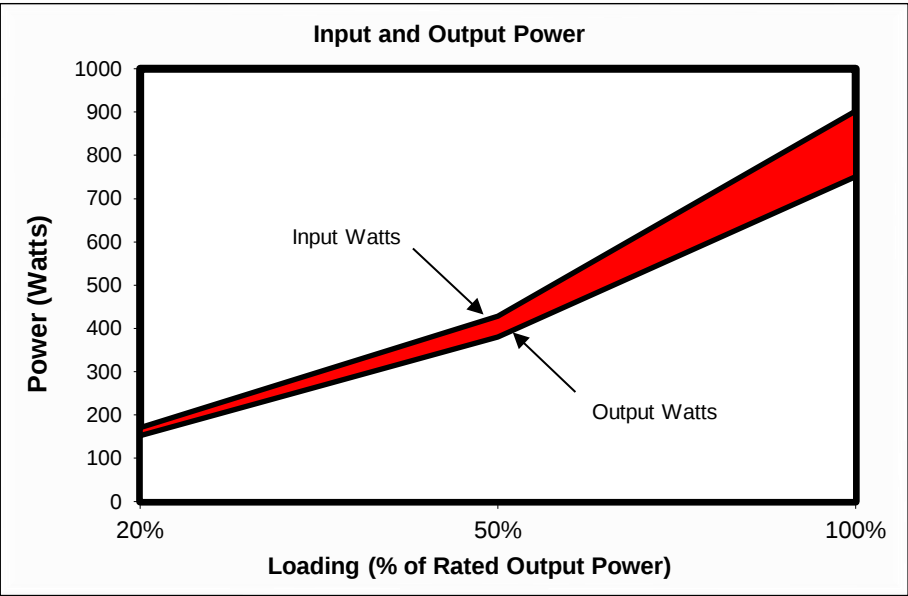
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 10.87%, 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	0.98	10.89%	10%	88.54	12.18/5.31	11.57/0.03	3.32/1.22	5.03/1.22	5.09/0.21	76.32	86.20%
1.50	0.99	6.73%	20%	171.09	12.17/10.61	11.59/0.05	3.32/2.45	5.03/2.44	5.08/0.42	152.21	88.97%
3.75	0.99	10.87%	50%	428.00	12.11/26.58	11.66/0.13	3.32/6.12	5.04/6.06	5.05/1.06	379.68	88.71%
7.91	0.99	11.36%	100%	902.40	12.02/52.9	11.7/0.25	3.32/12.25	5.04/12.12	4.99/2.12	750.77	83.20%



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/>