

80 PLUS Verification and Testing Report

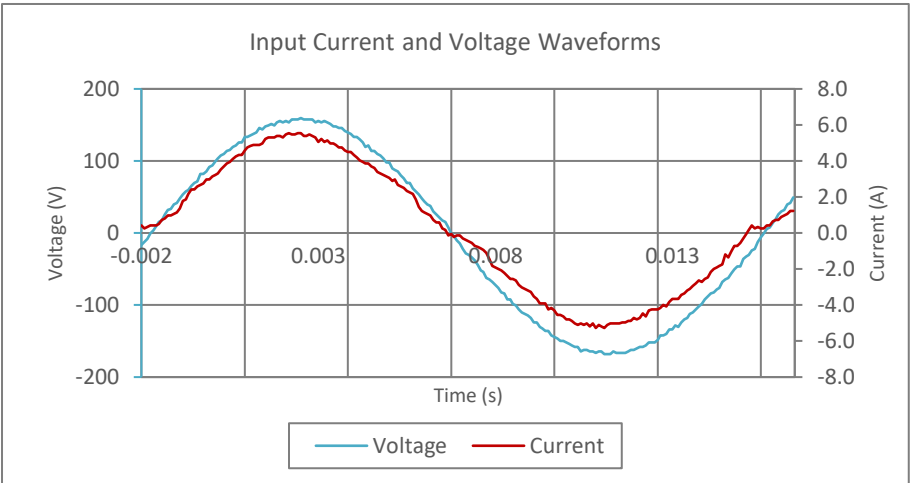
TYPICAL EFFICIENCY (50% Load):	93.15%
AVERAGE EFFICIENCY :	92.35%
80 PLUS COMPLIANT:	YES



ID Number	6184
Manufacturer	Lenovo
Model Number	PA-3751-1
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	11/11/20

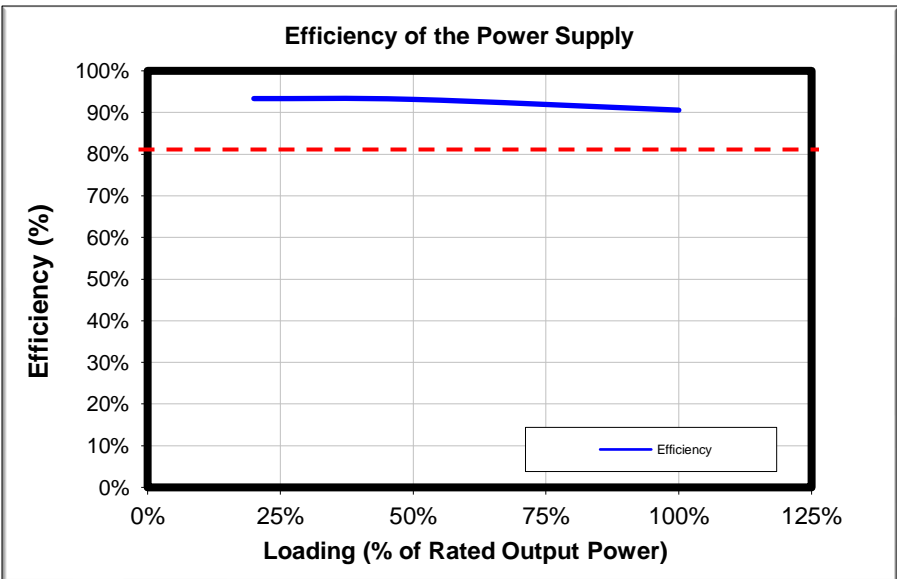
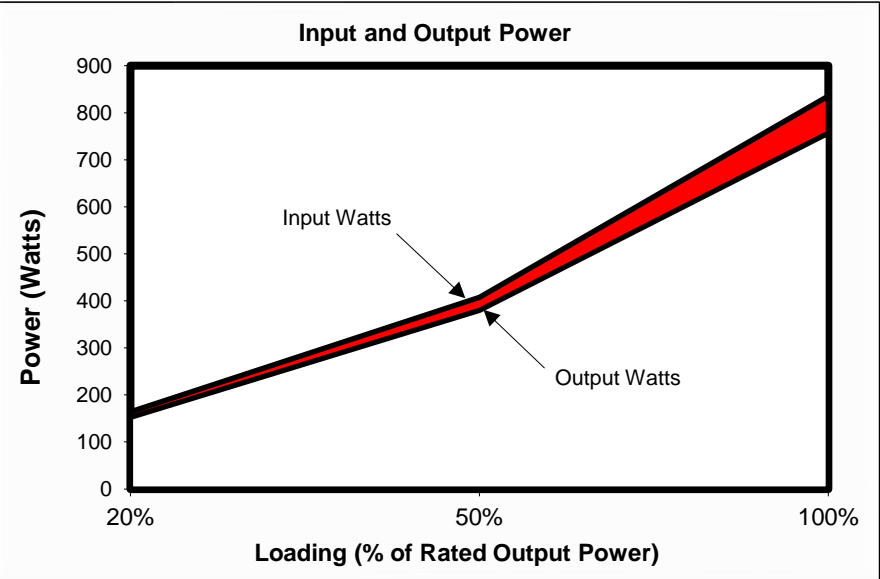
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50/60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 6.44%, 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		
0.82	0.95	12.20%	10%	89.57	12.19/6.25	11.99/0.02	76.45	85.35%
1.46	0.97	8.24%	20%	163.83	12.18/12.52	11.99/0.04	152.92	93.34%
3.56	1.00	6.44%	50%	408.10	12.11/31.29	12/0.1	380.13	93.15%
7.29	1.00	5.20%	100%	835.50	12.05/62.58	12.02/0.2	756.69	90.57%



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/>

