

80 PLUS Verification and Testing Report

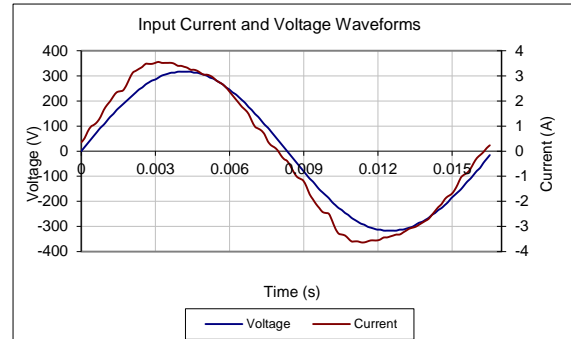
TYPICAL EFFICIENCY (50% Load):	94.25%
AVERAGE EFFICIENCY :	92.75%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-1117
Manufacturer	Lite-on Technology Corporation
Model Number	PS-2122-7Q
Serial Number	N/A
Year	2016
Type	ATX12V
Test Date	06/21/16

Rated Specifications	Value	Units
Input Voltage	100-120 / 200-240	Volts
Input Current	12-8	Amps
Input Frequency	50/60	Hz
Rated Output Power	1,200	Watts

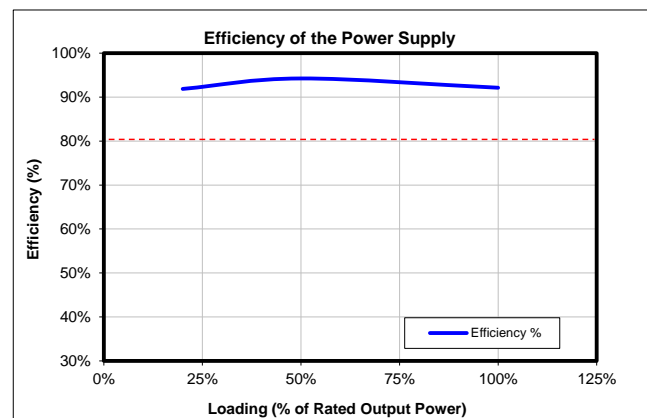
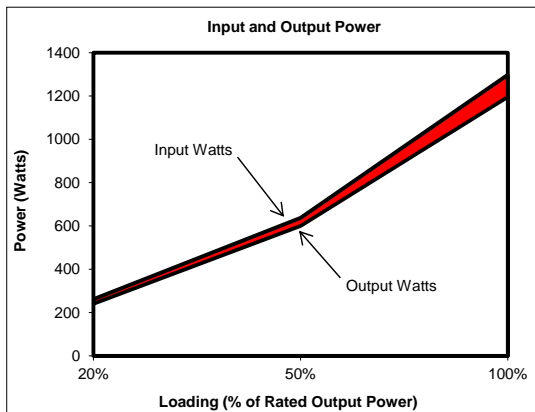
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 4.95%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency %
							12V	0Vsb	12Vsb	0Vsb		
0.64	0.92	10.53	10%	Low	136	2.40	12.02/9.78	0/0	12.16/0.25	0/0	121	88.70%
1.17	0.98	5.60	20%	Light	262	2.40	12.01/19.55	0/0	12.13/0.5	0/0	241	91.86%
2.80	0.99	4.95	50%	Typical	637	1.80	11.98/48.88	0/0	12.07/1.25	0/0	601	94.25%
5.67	1.00	2.17	100%	Full	1298	2.40	11.93/97.74	0/0	11.99/2.5	0/0	1196	92.13%

* Fan power is not included in the efficiency calculations



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/>

