

80 PLUS Verification and Testing Report

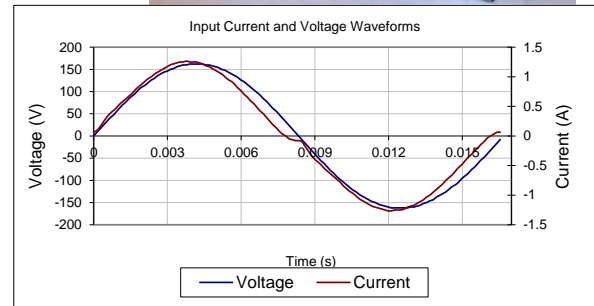
TYPICAL EFFICIENCY (50% Load):	92.23%
AVERAGE EFFICIENCY :	91.21%
80 PLUS COMPLIANT:	YES



Ecos ID #	4671
Manufacturer	DELL Inc.
Model Number	L180EPS-01
Serial Number	NA
Year	2016
Type	SFF
Test Date	8/10/16

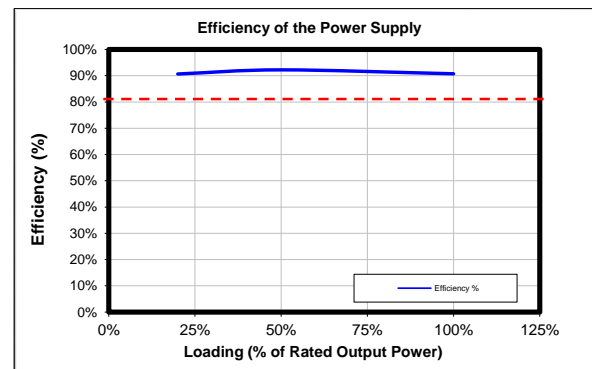
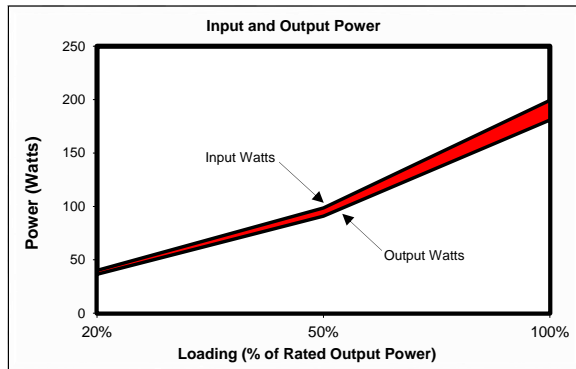
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	3	Amps
Input Frequency	50-60	Hz
Rated Output Power	180	Watts

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



Input AC Current Waveform (ITHD = 7.72%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Efficiency %
					12V (cumulative of 12V1, 12V2, etc.)		
0.21	0.87	17.31%	10%	21.12	12.13/1.5	18.22	86.26%
0.37	0.95	10.71%	20%	40.17	12.12/3	36.42	90.66%
0.87	0.99	7.72%	50%	98.60	12.09/7.52	90.94	92.23%
1.75	0.99	12.48%	100%	199.33	12.04/15.02	180.88	90.74%



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/>

