

80 PLUS Verification and Testing Report

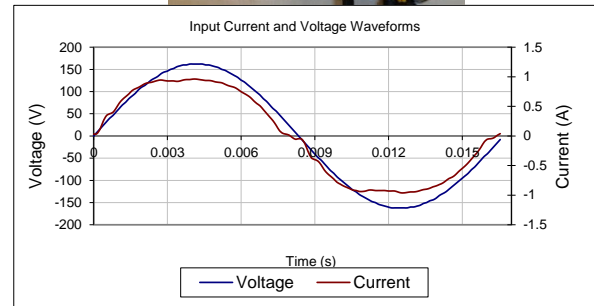
TYPICAL EFFICIENCY (50% Load):	91.05%
AVERAGE EFFICIENCY :	90.02%
80 PLUS COMPLIANT:	YES



Ecos ID #	4675
Manufacturer	Dell Inc.
Model Number	AC155EA-01
Serial Number	NA
Year	2016
Type	ATX12V
Test Date	8/16/16

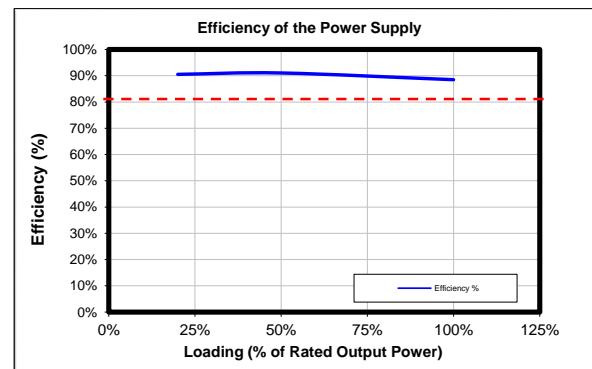
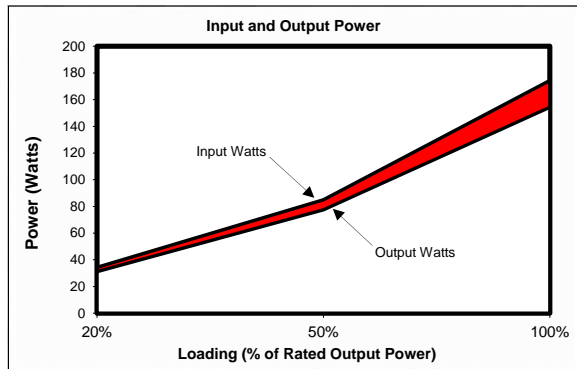
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	3	Amps
Input Frequency	50-60	Hz
Rated Output Power	155	Watts

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



Input AC Current Waveform (ITHD = 9.46%, 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.)		
0.18	0.85	31.32%	10%	17.96	12.04/1.29	15.55	86.55%
0.32	0.94	19.72%	20%	34.34	12.03/2.58	31.08	90.52%
0.75	0.99	9.46%	50%	85.07	11.97/6.47	77.45	91.05%
1.52	1.00	3.79%	100%	174.36	11.93/12.94	154.29	88.49%



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/>

