

80 PLUS Verification and Testing Report

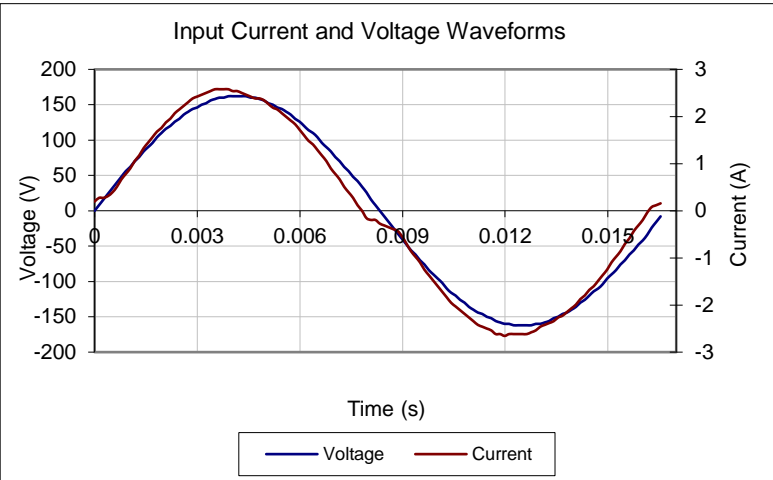
TYPICAL EFFICIENCY (50% Load):	92.69%
AVERAGE EFFICIENCY :	91.58%
80 PLUS COMPLIANT:	YES



ID Number	4857
Manufacturer	DELL Inc.
Model Number	D425EF-03
Serial Number	N/A
Year	2017
Type	OTHER
Test Date	01/11/17

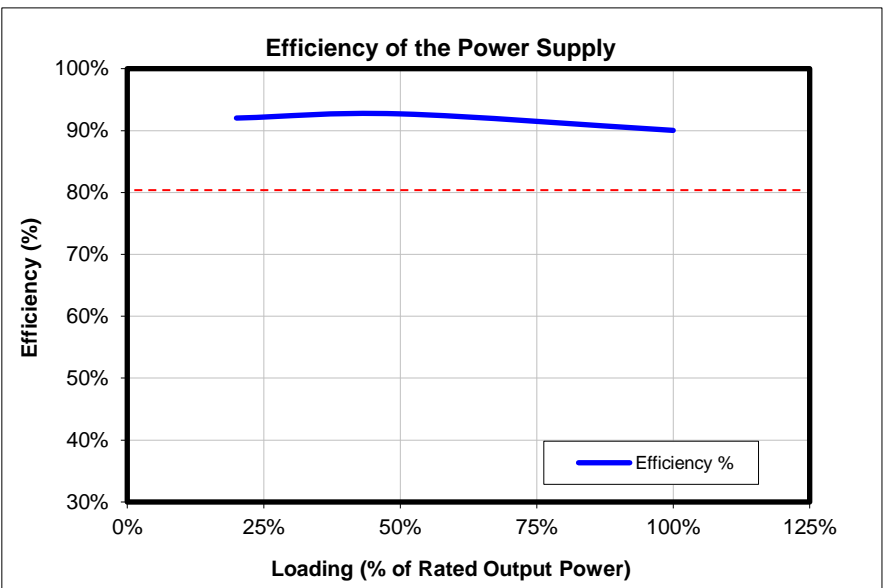
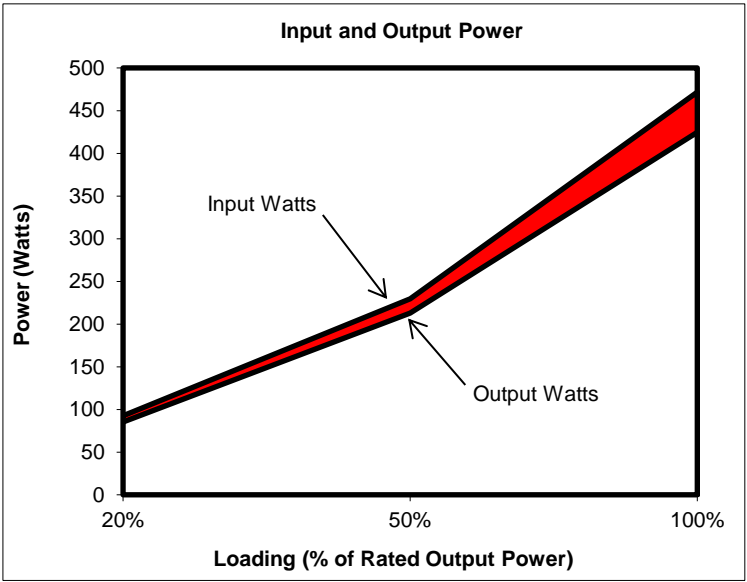
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-3.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	425	Watts

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



Input AC Current Waveform (ITHD = 7.69%, 50% Load)

I_{RMS} A	PF	I_{THD} (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)			Output Watts	Efficiency %
						12V	12Vsb	-12Vsb		
0.44	0.96	15.72	10%	Low	49	12.03/3.15	11.75/0.36	11.83/0.05	43	87.64%
0.81	0.99	5.65	20%	Light	93	12.03/6.3	11.73/0.72	11.81/0.09	85	92.02%
2.01	0.99	7.69	50%	Typical	230	12.02/15.76	11.69/1.78	11.67/0.22	213	92.69%
4.11	1.00	6.27	100%	Full	472	12/31.51	11.62/3.57	11.64/0.45	425	90.03%



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/>

