

80 PLUS Verification and Testing Report

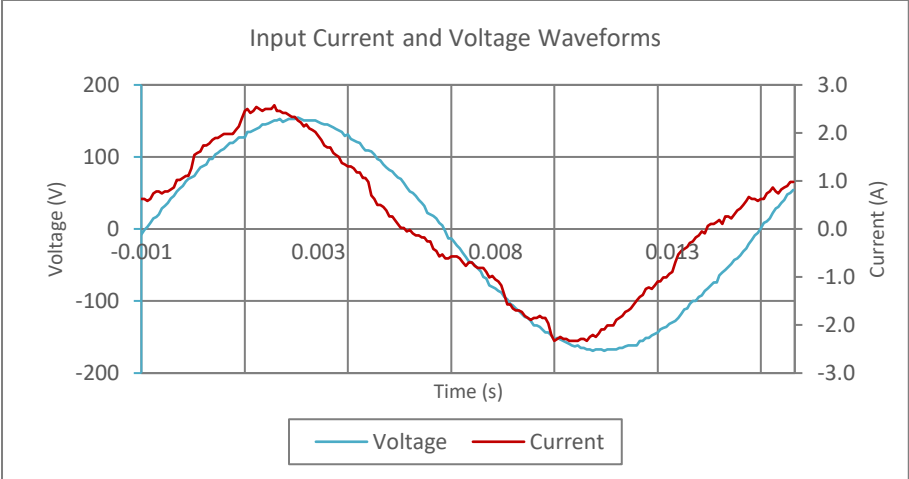
TYPICAL EFFICIENCY (50% Load):	91.47%
AVERAGE EFFICIENCY :	90.19%
80 PLUS COMPLIANT:	YES



ID Number	5714
Manufacturer	Dell Inc.
Model Number	HU550EGM-00
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	10/23/19

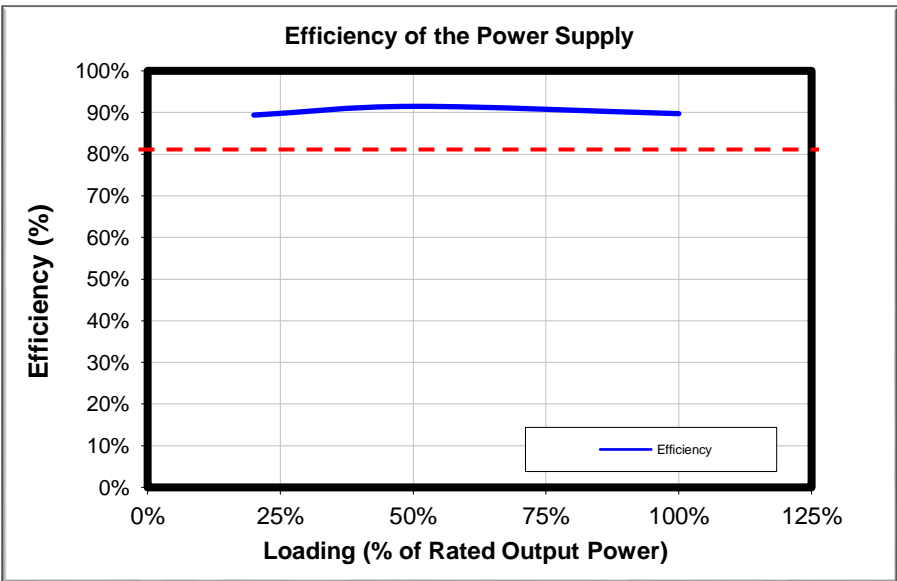
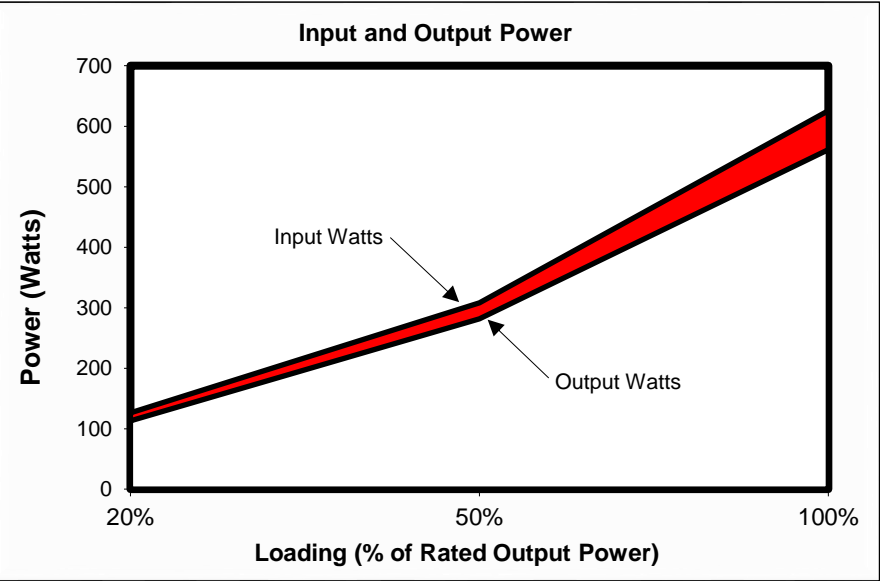
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (ITHD = 16.48%, 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.)		3.3V	5.1V			5.1Vsb
0.63	0.92	16.92%	10%	66.61	12.34/3.7		3.37/0.88	5.13/1.17	5.28/0.35	56.44	84.73%
1.17	0.94	17.16%	20%	126.46	12.33/7.41		3.36/1.76	5.13/2.34	5.27/0.7	113.01	89.37%
2.76	0.97	16.48%	50%	308.15	12.3/18.57		3.34/4.4	5.11/5.82	5.25/1.74	281.87	91.47%
5.53	0.98	13.91%	100%	625.50	12.25/37.12		3.31/8.81	5.08/11.63	5.22/3.48	561.20	89.72%



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/>

