80 PLUS Verification and Testing Report

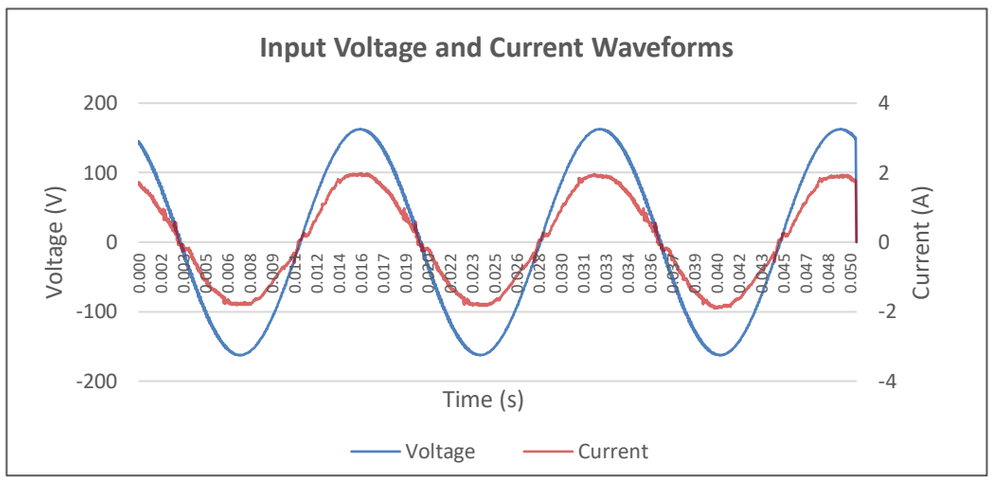
TYPICAL EFFICIENCY (50% Load):	**91.51%**
AVERAGE EFFICIENCY :	**89.29%**
80 PLUS COMPLIANT:	**Platinum**



ID Number	7503
Manufacturer	HP, Inc.
Model Number	DPS-280AB-12
Serial Number	N/A
Type	CUSTOM
Test Date	8/14/24

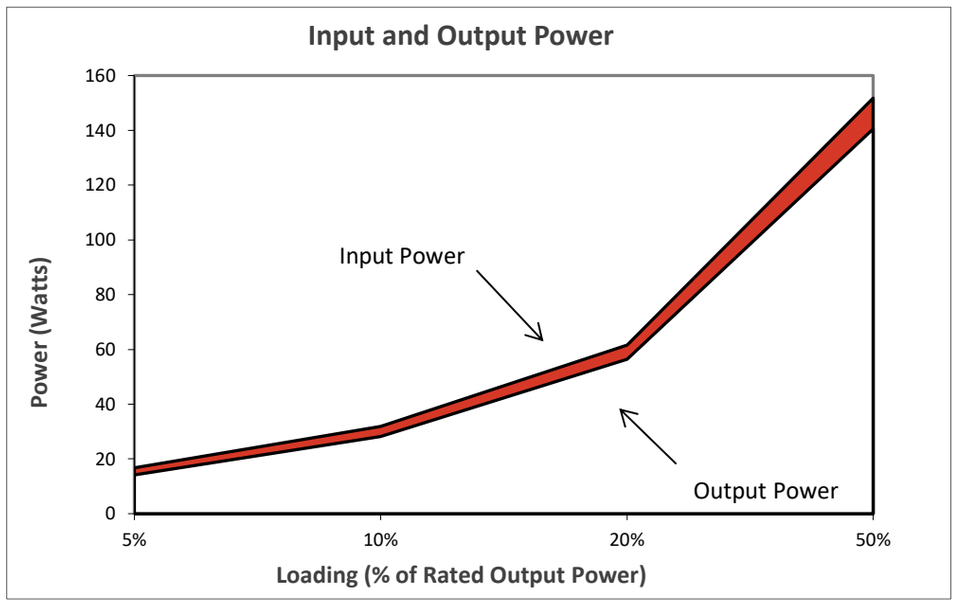
Rated Specifications	Value	Units
Input Voltage	100-240	**Volts**
Input Current	3.3	**Amps**
Input Frequency	50-60	**Hz**
Rated Output Power	280	**Watts**

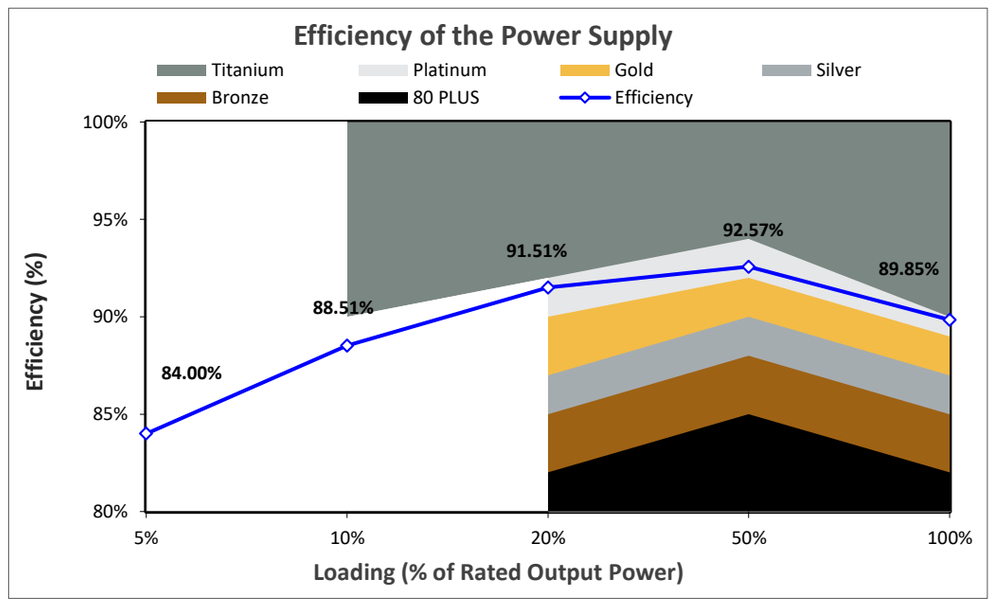
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 5.45%, 50% Load)

I_{RMS} (A)	PF	I_{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency
					12.1V1MAIN	12.1VCPU		
0.050	0.0250	2.63	0%	**0.39**	**No-Load**			
0.195	**0.7546**	36.92	5%	**16.81**	12.2/0.58	12.2/0.58	**14.12**	**84.00%**
0.310	**0.8933**	35.26	10%	**31.89**	12.2/1.16	12.2/1.16	**28.23**	**88.51%**
0.547	**0.9798**	17.85	20%	**61.62**	12.19/2.31	12.18/2.31	**56.39**	**91.51%**
1.323	**0.9969**	5.45	50%	**151.75**	12.15/5.79	12.13/5.79	**140.49**	**92.57%**
2.709	**0.9977**	5.65	100%	**310.87**	12.08/11.57	12.05/11.57	**279.31**	**89.85%**





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/