80 PLUS Verification and Testing Report

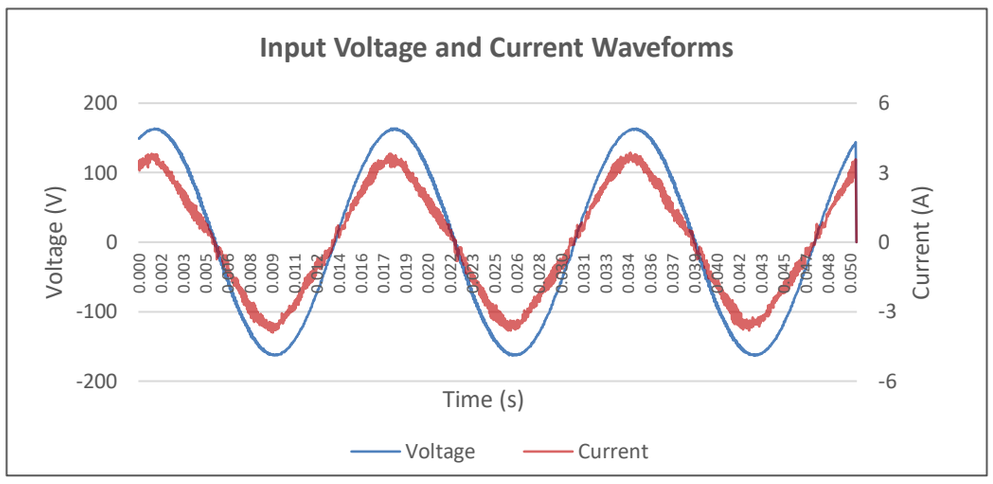
TYPICAL EFFICIENCY (50% Load):	**92.56%**
AVERAGE EFFICIENCY :	**91.28%**
80 PLUS COMPLIANT:	**Platinum**



ID Number	7500
Manufacturer	HP, Inc.
Model Number	DPS-500AB-73
Serial Number	N/A
Type	CUSTOM
Test Date	8/22/24

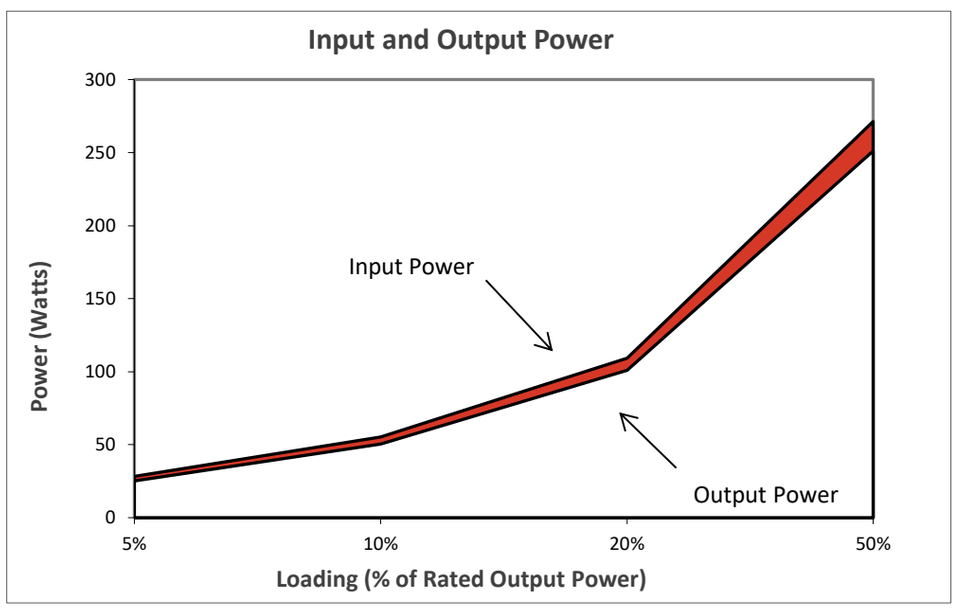
Rated Specifications	Value	Units
Input Voltage	100-240	**Volts**
Input Current	6	**Amps**
Input Frequency	50-60	**Hz**
Rated Output Power	500	**Watts**

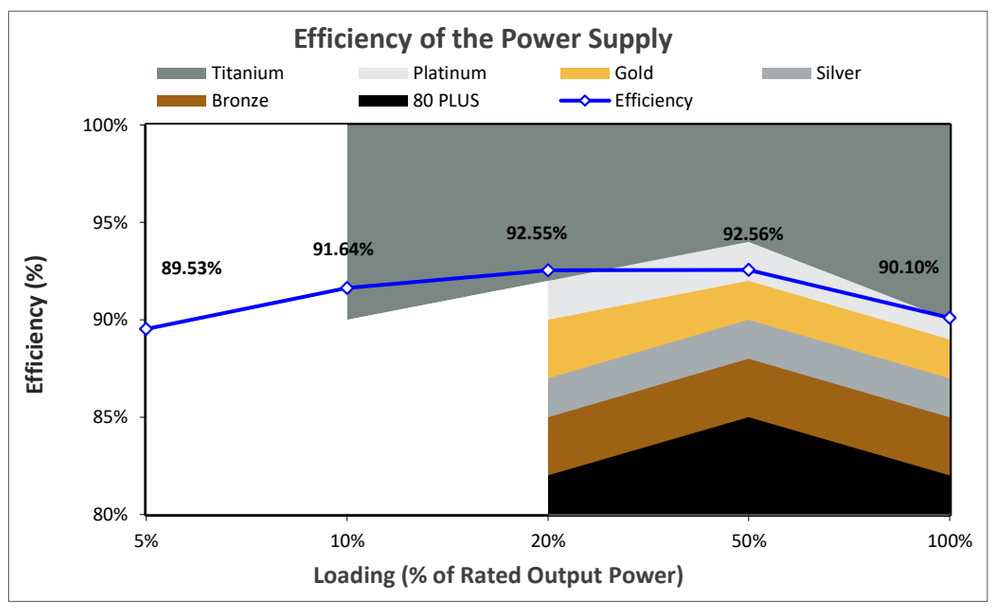
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 7.46%, 50% Load)

I_{RMS} (A)	PF	I_{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency
					12.1V1(MAIN)	12.1V2(CPU)	12.1V3(GFX1)	12.1V4(GFX2)		
0.087	0.0204	0.81	0%	**0.29**	**No-Load**					
0.287	**0.8553**	7.58	5%	**28.25**	12.24/0.6	12.24/0.6	12.24/0.44	12.24/0.44	**25.29**	**89.53%**
0.507	**0.9453**	5.73	10%	**55.15**	12.23/1.19	12.23/1.19	12.23/0.87	12.23/0.87	**50.54**	**91.64%**
0.968	**0.9796**	8.20	20%	**109.06**	12.21/2.39	12.21/2.39	12.21/1.74	12.21/1.74	**100.93**	**92.55%**
2.374	**0.9933**	7.46	50%	**271.26**	12.16/5.97	12.15/5.97	12.15/4.36	12.14/4.36	**251.08**	**92.56%**
4.833	**0.9948**	8.73	100%	**553.05**	12.08/11.95	12.05/11.95	12.05/8.72	12.04/8.72	**498.29**	**90.10%**





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/