

80 PLUS Verification and Testing Report

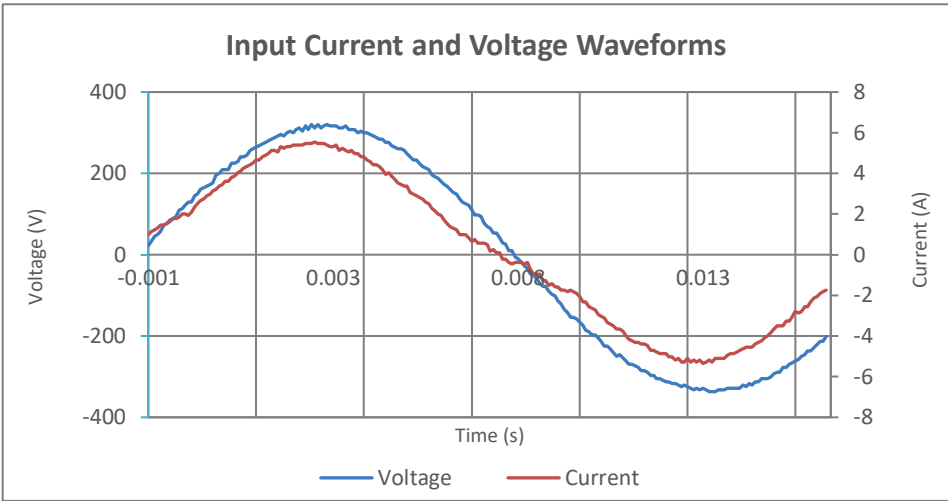
TYPICAL EFFICIENCY (50% Load):	93.21%
AVERAGE EFFICIENCY :	91.22%
80 PLUS COMPLIANT:	Gold



ID Number	EU-892
Manufacturer	HP, Inc.
Model Number	D20-1K1P1A
Serial Number	5KQCVX28JFV04C
Year	2022
Type	1U
Test Date	5/18/22

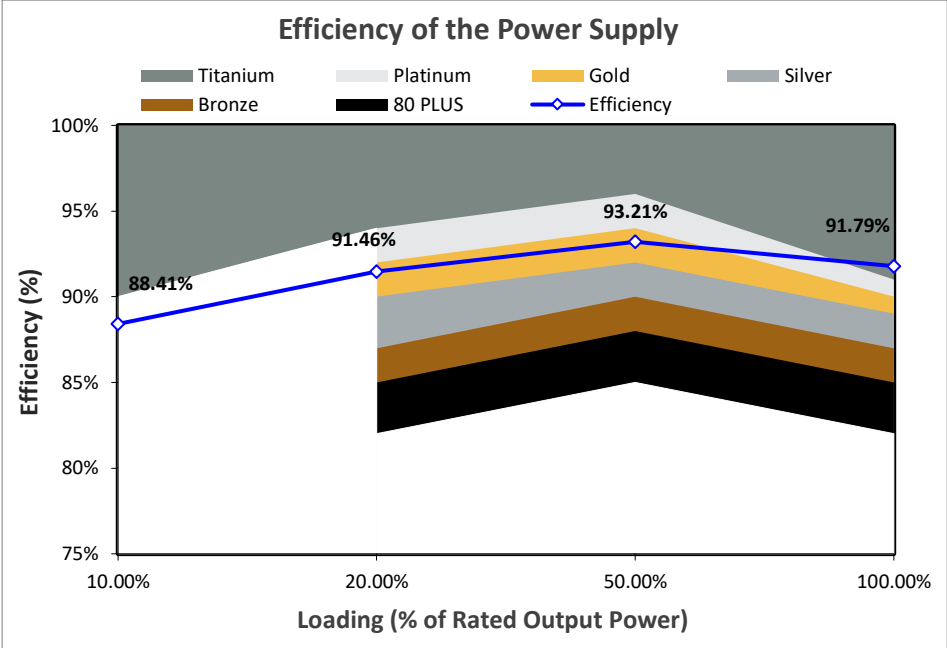
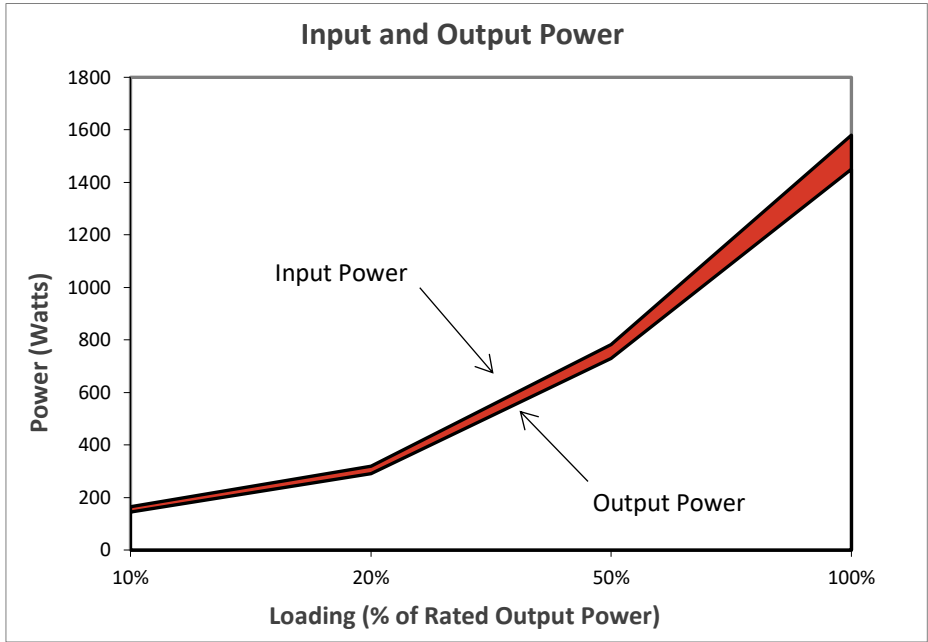
Rated Specifications	Value	Units
Input Voltage	100/115-127/200-240/118	Volts
Input Current	12/12/10/12	Amps
Input Frequency	50-60/400	Hz
Rated Output Power	1450	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 11.48%, 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.)	11.5Vstb		
0.796	0.8982	6.82%	10%	164.54	12.06/11.5	11.35/0.6	145.48	88.41%
1.433	0.9669	6.23%	20%	318.70	12.06/23.05	11.33/1.19	291.47	91.46%
3.445	0.9864	11.48%	50%	781.60	12.05/57.69	11.27/2.98	728.50	93.21%
6.950	0.9884	12.89%	100%	1579.80	12.02/115.1	11.19/5.95	1450.11	91.79%



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/>