

# 80 PLUS Verification and Testing Report

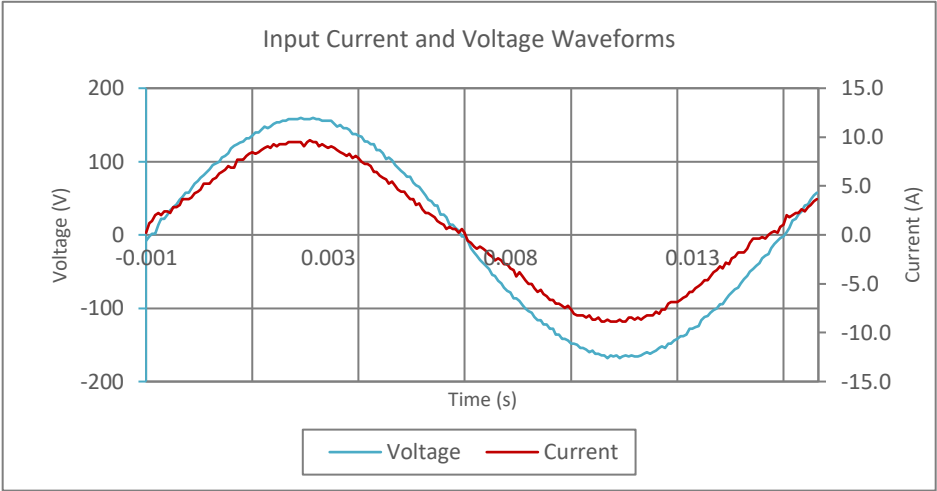
TYPICAL EFFICIENCY (50% Load):	91.51%
AVERAGE EFFICIENCY :	90.16%
80 PLUS COMPLIANT:	YES



ID Number	6745
Manufacturer	HP, Inc.
Model Number	R20-1K1P1A
Serial Number	5KQDAX28JFY0H0
Year	2022
Type	1U
Test Date	1/12/22

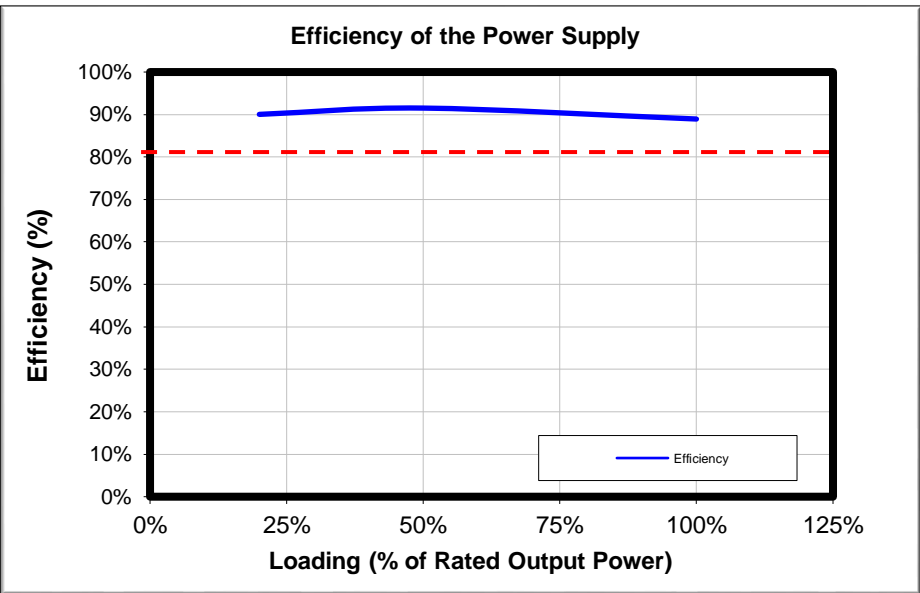
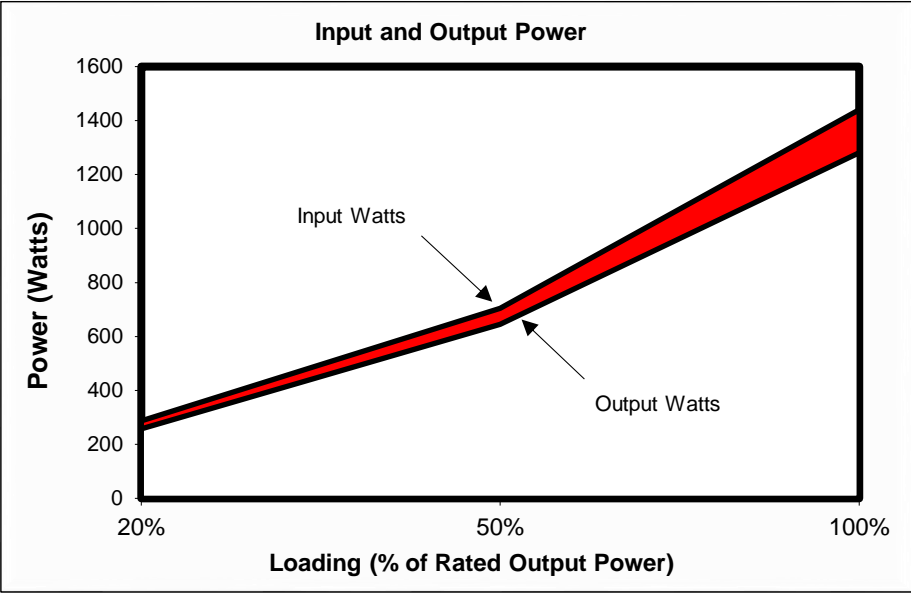
Rated Specifications	Value	Units
Input Voltage	100/115-127/200-240/118	Volts
Input Current	12/12/10/12	Amps
Input Frequency	50-60/400	Hz
Rated Output Power	1275	Watts

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



Input AC Current Waveform (ITHD = 6.48%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)		
1.32	0.97	9.11%	10%	147.72	12.1/10.63	128.66	87.10%
2.53	0.99	10.20%	20%	287.10	12.1/21.36	258.48	90.03%
6.15	1.00	6.48%	50%	704.30	12.09/53.29	644.49	91.51%
12.55	1.00	5.00%	100%	1440.10	12.07/106.11	1280.77	88.94%



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/>