

80 PLUS Verification and Testing Report

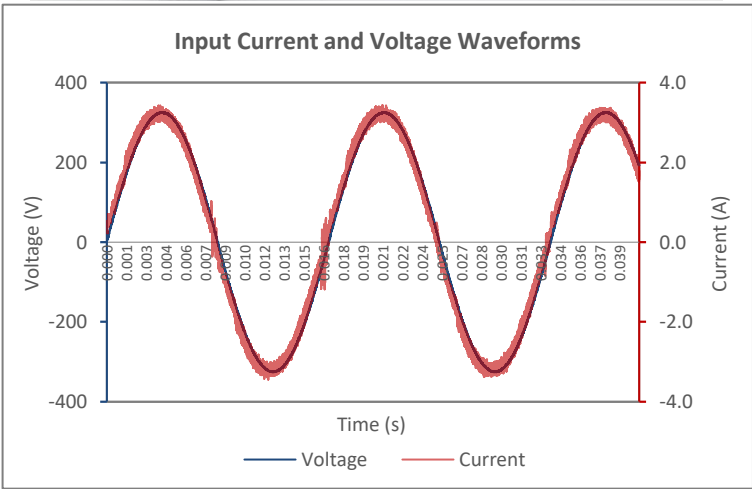
TYPICAL EFFICIENCY (50% Load):	96.03%
AVERAGE EFFICIENCY :	95.26%
80 PLUS COMPLIANT:	Titanium



ID Number	SO-2259
Manufacturer	Hewlett Packard Enterprise
Model Number	P03160-102
Serial Number	5XUWBD14DHQ02E
Year	2023
Type	CUSTOM
Test Date	05/01/23

Rated Specifications	Value	Units
Input Voltage	100-127/200-240	Volts
Input Current	11.3/6.1	Amps
Input Frequency	50-60	Hz
Rated Output Power	1,000	Watts

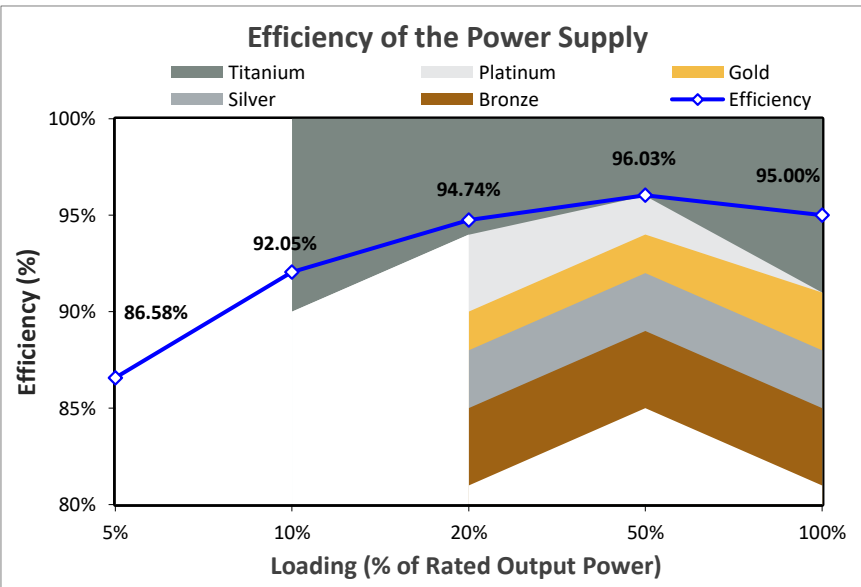
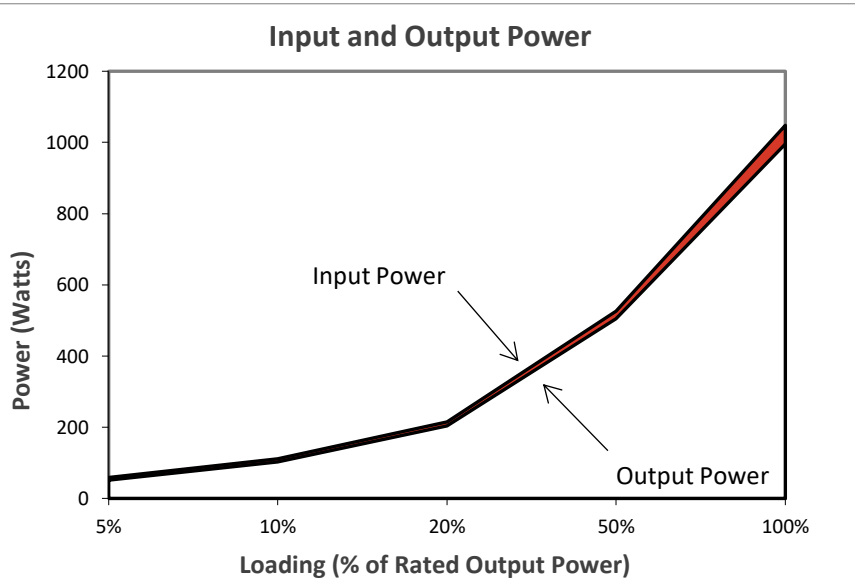
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 1.77%, 50% Load)

I _{RMS}	PF	I _{THD} (%)	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Efficiency
							12V		
0.187	0.1697	20.858	0%	No-Load	7.32	0.43	No-Load		
0.323	0.7889	12.978	5%	Minimum	58.52	0.42	12.29/4.12	50.67	86.58%
0.509	0.9540	13.214	10%	Low	111.72	0.64	12.27/8.38	102.84	92.05%
0.965	0.9689	4.633	20%	Light	214.94	0.64	12.24/16.64	203.63	94.74%
2.298	0.9951	1.771	50%	Typical	525.85	1.69	12.13/41.64	505.00	96.03%
4.560	0.9992	1.686	100%	Full	1048.16	10.26	11.95/83.32	995.78	95.00%

* Fan power is not included in the efficiency calculations



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/>