

80 PLUS Verification and Testing Report

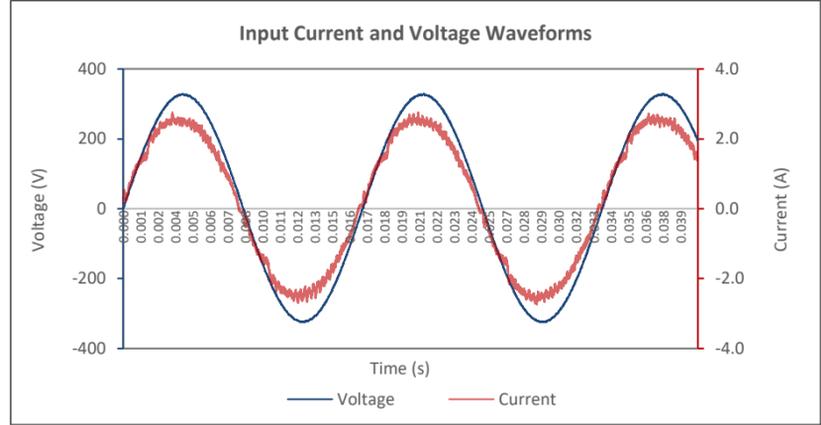
TYPICAL EFFICIENCY (50% Load):	95.03%
AVERAGE EFFICIENCY :	89.44%
80 PLUS COMPLIANT:	Platinum



ID Number	SO-2596
Manufacturer	Hewlett Packard Enterprise
Model Number	P73193-501
Serial Number	5YLXFX28JKDOAX
Type	1U
Test Date	01/10/25

Rated Specifications	Value	Units
Input Voltage	100-120/200-240	Volts
Input Current	8/5	Amps
Input Frequency	50-60	Hz
Rated Output Power	800	Watts

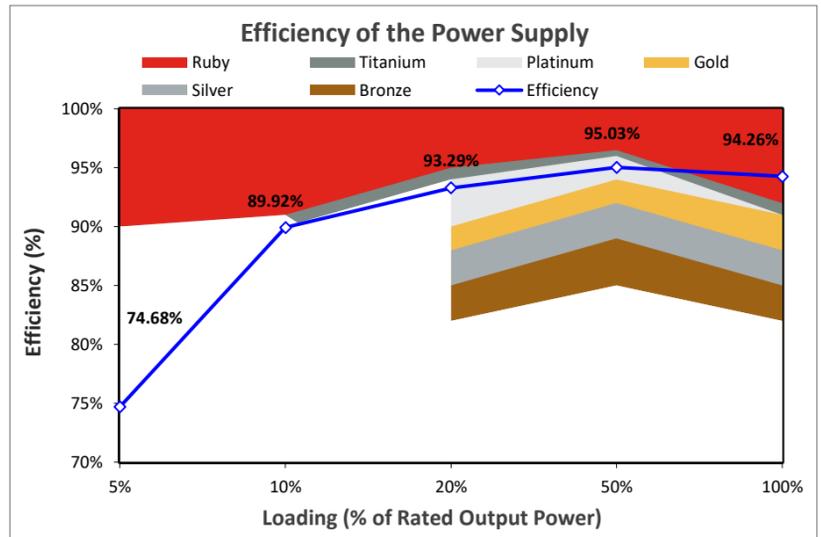
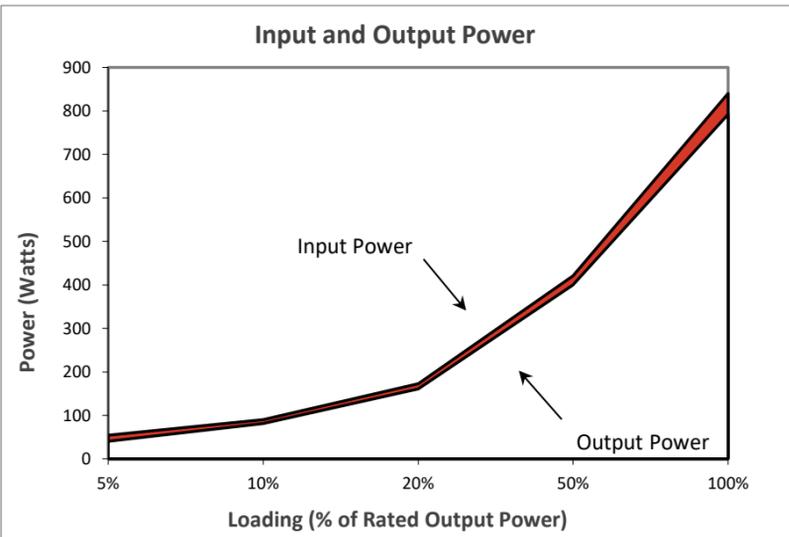
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.7%, 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
							12.2V	12Vsb		
0.085	0.2222	20.062	0%	No-Load	4.35	14.07	No-Load			
0.270	0.8717	12.559	5%	Minimum	54.13	14.04	12.330/3.138	12.036/0.145	40.43	74.68%
0.410	0.9536	7.784	10%	Low	90.02	14.04	12.316/6.292	12.033/0.288	80.95	89.92%
0.765	0.9817	7.698	20%	Light	172.64	14.03	12.292/12.541	12.029/0.574	161.06	93.29%
1.839	0.9956	3.700	50%	Typical	421.05	13.98	12.211/31.357	12.018/1.434	400.13	95.03%
3.663	0.9971	1.563	100%	Full	840.19	13.90	12.079/62.718	12.001/2.867	791.98	94.26%

* Fan power is not included in the efficiency calculations, external fan voltage applied = 12.01Vdc



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.
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