

80 PLUS Verification and Testing Report

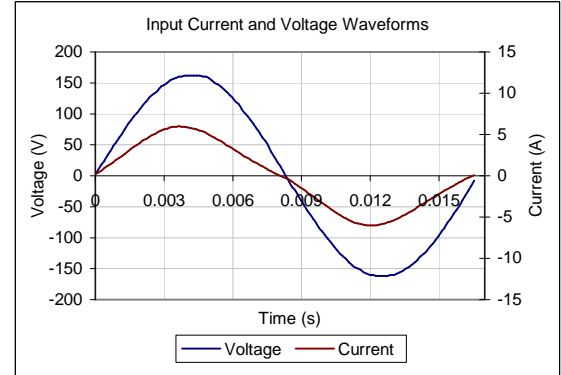


TYPICAL EFFICIENCY (50% Load):	85.65%
AVERAGE EFFICIENCY :	83.81%
80 PLUS COMPLIANT:	YES

Ecos ID #	383
Manufacturer	HP
Model Number	PC6015 020G
Serial Number	NA
Year	2007
Type	CUSTOM
Test Date	10/2/2007

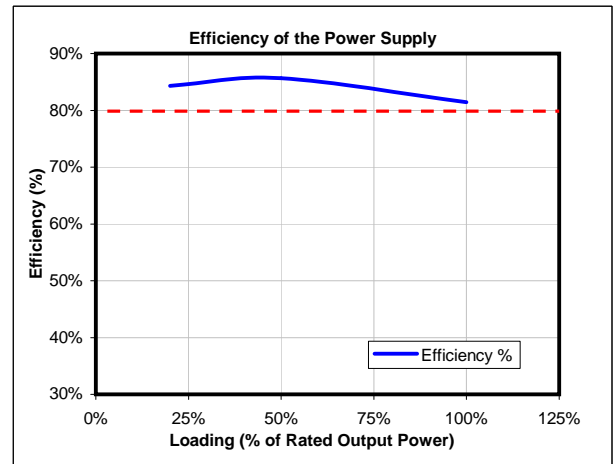
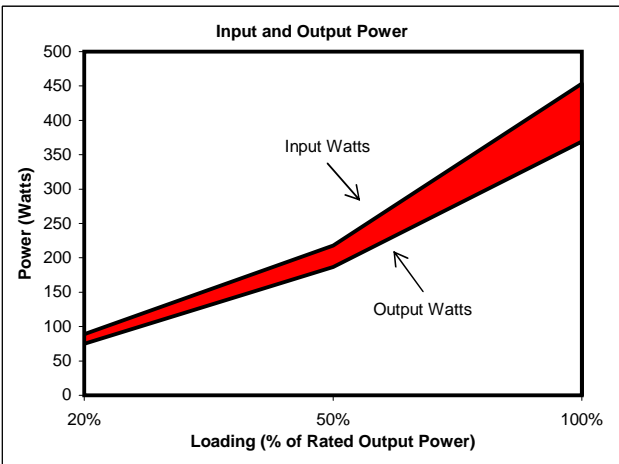
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6	Amps
Input Frequency	50-60	Hz
Rated Output Power	365	Watts

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



Input AC Current Waveform (ITHD = 16.1%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
						12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V*	5VSB		
0.80	0.97	19.3%	20%	Light	89	12.3/3.9	12.1/0	3.4/3.2	5.1/2.6	5.2/0.4	75	84.31%
1.95	0.97	16.1%	50%	Typical	218	12.3/9.8	12.1/0.1	3.3/8.1	5.1/6.4	5.1/1.1	187	85.65%
3.98	0.99	9.7%	100%	Full	453	12.2/19.6	12.1/0.1	3.3/16.2	5.1/12.9	5/2.2	369	81.46%



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.



Tested by Electric Power Research Institute, Knoxville, TN.