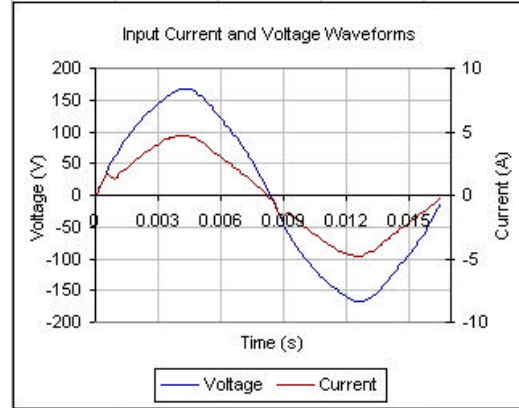


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	83.65%
AVERAGE EFFICIENCY :	82.04%
80 PLUS COMPLIANT:	YES

Part Number	ENP-5130GH
Rated Power	300W
Year	2005
Type	ATX12V
Test Date	12/6/2005

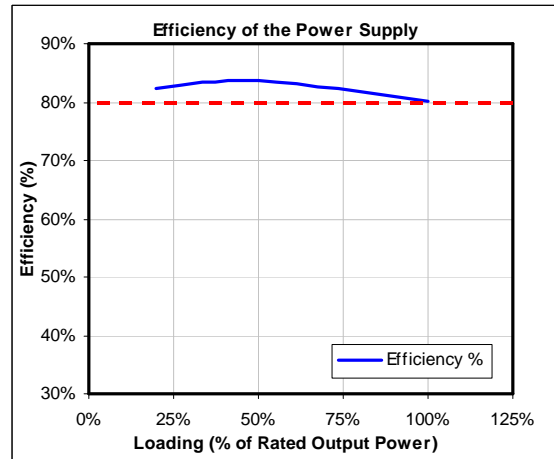
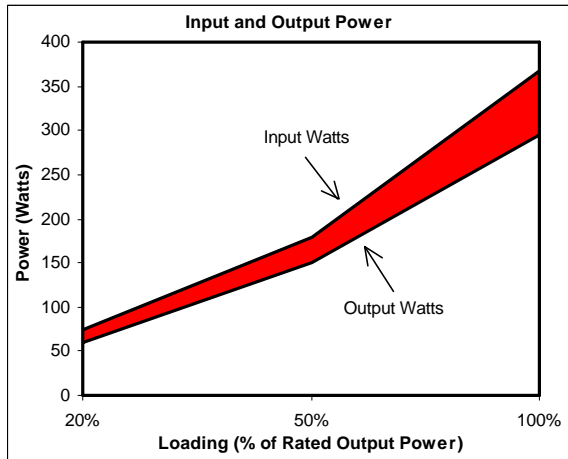


Input AC Current Waveform ($I_{THD} = 8.4\%$, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100 - 240	Volts
Input Current	6.5 - 4	Amps
Input Frequency	60 - 50	Hz
Rated Output Power	300	Watts

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

I_{RMS} A	PF	I_{THD} (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)						Output Watts	Efficiency %
						12V1	12V2	-12V	3.3V	5V*	5VSB		
0.65	0.99	7.3%	20%	Light	74	12.2/1.5	12.2/1.9	11.8/1.04	3.3/2.6	5.0/1.8	5.0/0.4	61	82.21%
1.57	0.99	8.4%	50%	Typical	180	12.1/3.6	12.1/4.7	11.8/0.1	3.2/6.5	5.0/4.4	4.9/1.1	150	83.65%
3.20	1.00	8.1%	100%	Full	367	12.1/7.2	12.0/9.4	11.9/0.2	3.0/13.1	4.9/8.7	4.8/2.2	295	80.26%



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 small servers.



Tested by EPRI Solutions Inc., Knoxville, TN.