

80 PLUS Verification and Testing Report

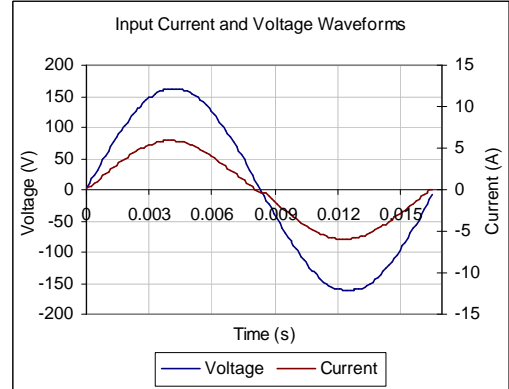
TYPICAL EFFICIENCY (50% Load):	84.81%
AVERAGE EFFICIENCY :	82.70%
80 PLUS COMPLIANT:	YES



Ecos ID #	71
Manufacturer	Antec
Model Number	EA-380
Serial Number	N/A
Year	2006
Type	ATX12V
Test Date	8/8/2006

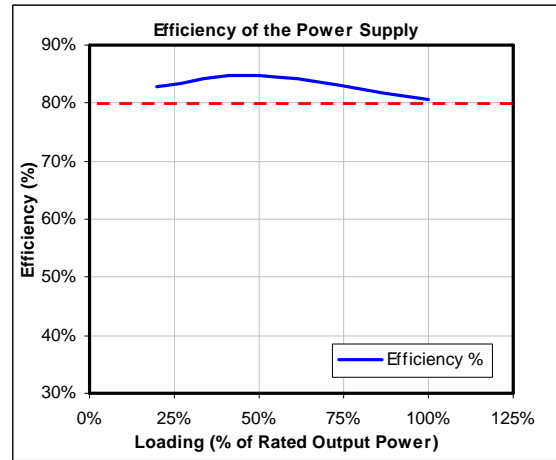
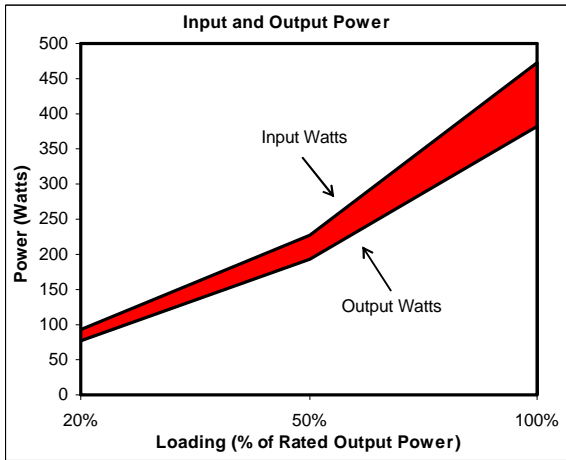
Rated Specifications	Value	Units
Input Voltage	100 - 240	Volts
Input Current	6	Amps
Input Frequency	60 - 50	Hz
Rated Output Power	380	Watts

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



Input AC Current Waveform ($I_{THD} = 8.6\%$, 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 %
						12V1	12V2	-12V	3.3V	5V*	5VSB		
0.82	0.99	12.0%	20%	Light	93	12.2/2.2	12.2/2.2	12.1/0.1	3.3/2.5	5.0/2.5	5.0/0.4	77	82.76%
1.98	0.99	8.6%	50%	Typical	227	12.2/5.4	12.2/5.4	12.2/0.3	3.3/6.2	5.1/6.2	4.9/1.0	192	84.81%
4.12	1.00	5.3%	100%	Full	474	12.2/10.8	12.2/10.8	12.4/0.6	3.3/12.5	4.9/12.5	4.9/2.0	381	80.52%



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 EPRI Solutions Inc., Knoxville, TN.