

80 PLUS Verification and Testing Report

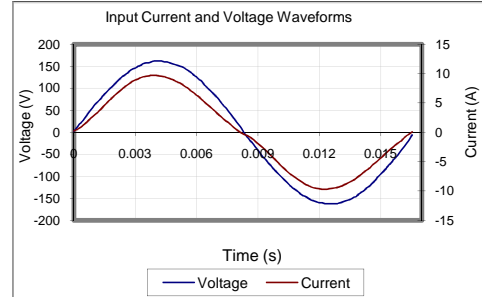
TYPICAL EFFICIENCY (50% Load):	86.22%
AVERAGE EFFICIENCY :	84.72%
80 PLUS COMPLIANT:	YES



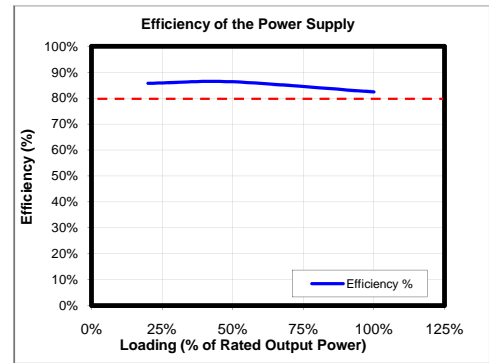
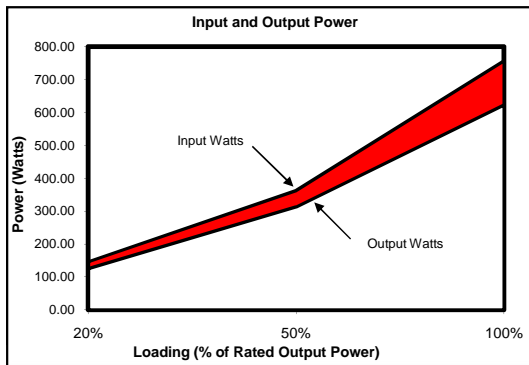
Ecos ID #	1998
Manufacturer	ANTEC
Model Number	HCG-620
Serial Number	1CC62BFCG0C11W8
Year	2010
Type	ATX12V & EPS12V
Test Date	3/30/2010

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7-3.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	620	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 %	
						12V (cumulative of 12V1, 12V2, etc.)		-12V	3.3V	5V*			5VSB
1.28	0.99	4.99%	20%	Light	146.48	12.1/8.2		11.9/0.1	3.4/2.7	5/2.7	5/0.4	125.41	85.61%
3.18	1.00	8.40%	50%	Typical	363.30	12.1/20.5		12/0.3	3.3/6.7	5/6.6	5/1.1	313.24	86.22%
6.62	1.00	7.97%	100%	Full	757.70	12.2/40.9		12.1/0.7	3.2/13.3	4.9/13.3	5/2.1	623.81	82.33%



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/>

