

80 PLUS Verification and Testing Report

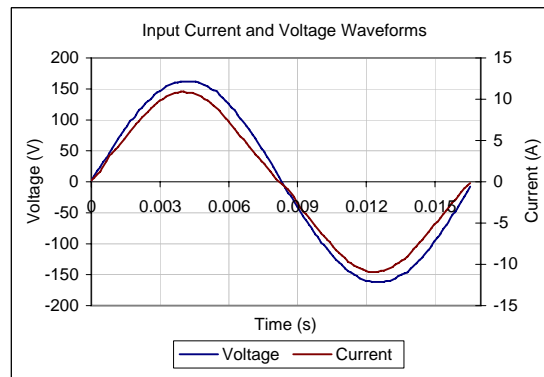
TYPICAL EFFICIENCY (50% Load):	84.06%
AVERAGE EFFICIENCY :	81.97%
80 PLUS COMPLIANT:	YES



Ecos ID #	251
Manufacturer	CHIEFTEC
Model Number	CFT-700-14C
Serial Number	NA
Year	2007
Type	ATX
Test Date	6/19/2007

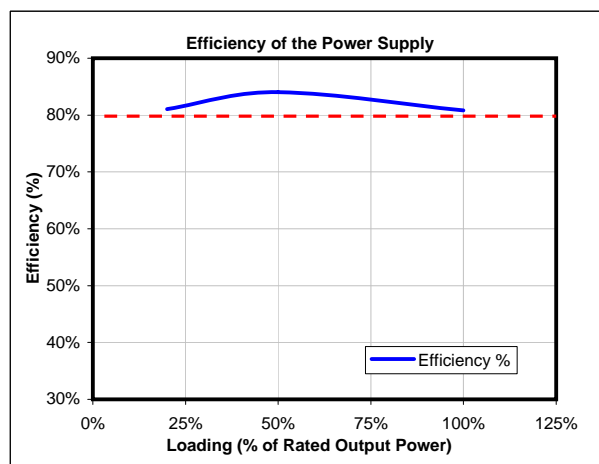
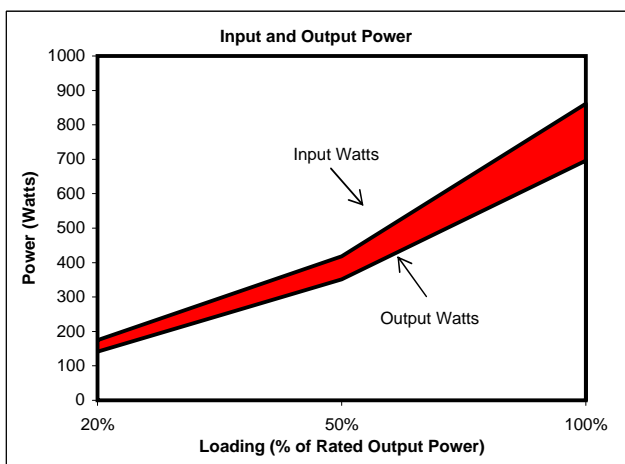
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	700	Watts

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



Input AC Current Waveform (ITHD = 7.26%, 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		
1.54	0.99	9.2%	20%	Light	174	12/9	12.2/0.1	3.3/3.6	5.1/3.4	5.1/0.5	141	81.02%
3.65	1.00	7.3%	50%	Typical	418	12/22.4	12.2/0.3	3.3/9	5.1/8.4	5.1/1.2	351	84.06%
7.51	1.00	5.8%	100%	Full	861	11.9/44.8	12.4/0.6	3.2/18	5.1/16.8	5/2.4	696	80.82%



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/>

