

80 PLUS Verification and Testing Report

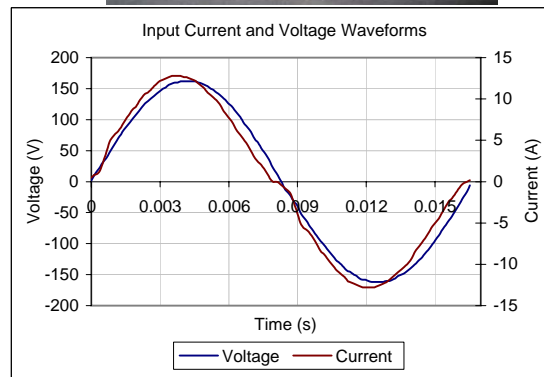
TYPICAL EFFICIENCY (50% Load):	85.53%
AVERAGE EFFICIENCY :	83.84%
80 PLUS COMPLIANT:	YES



Ecos ID #	463.1
Manufacturer	CHIEFTEC
Model Number	CFT-850-DF
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	2/13/2008

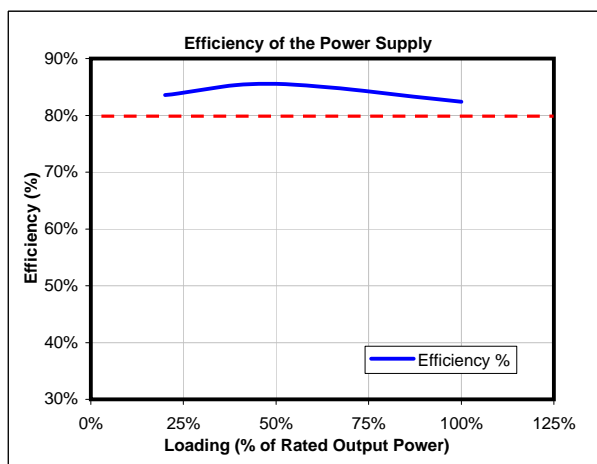
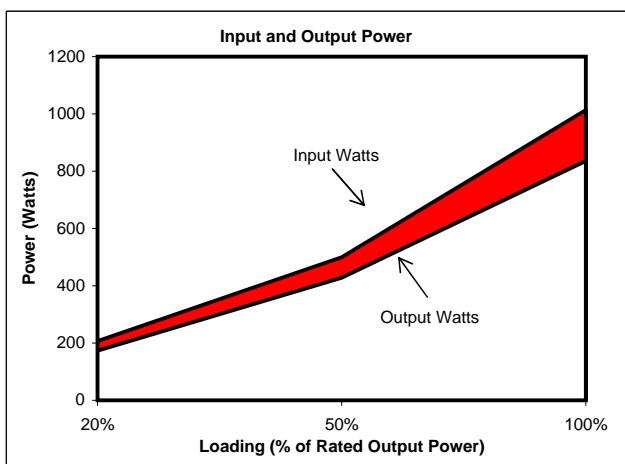
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	11	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 12.64%, 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		
1.91	0.94	25.9%	20%	Light	207	12.2/10.9	12/0.1	3.4/3.9	5.1/3.9	5.1/1	173	83.56%
4.46	0.97	12.6%	50%	Typical	500	12.1/27.3	12.1/0.3	3.3/9.8	5/9.8	5/2.5	428	85.53%
8.89	0.99	7.5%	100%	Full	1014	11.9/54.6	12.2/0.6	3.1/19.6	4.9/19.7	4.8/4.9	836	82.42%



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/>

