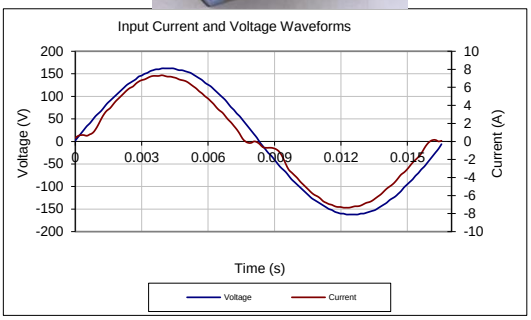
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**88.41%**
AVERAGE EFFICIENCY :	**86.46%**
80 PLUS COMPLIANT:	**YES**

Ecos ID #	3844.8
Manufacturer	CHIEFTEC
Model Number	BDF-1000C
Serial Number	N/A
Year	2014
Type	ATX12V
Test Date	1/9/14

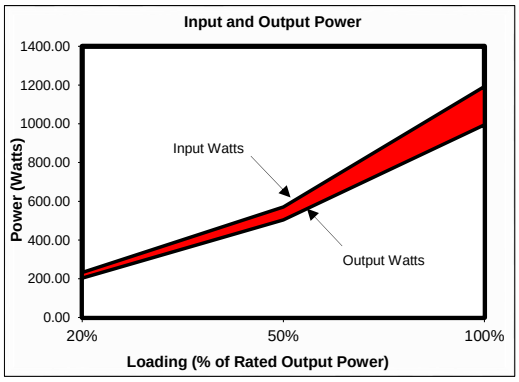
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	50-60	Hz
Rated Output Power	**1000**	**Watts**

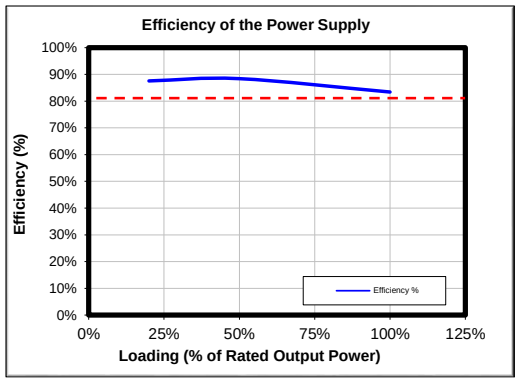
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 12.75%, 50% Load)

I_{RMS} A	PF	I_{THD} (%)	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		
1.08	0.98	9.88%	10%	121.79	12.2/7.2	11.8/0	3.3/1.5	5.1/1.5	5.1/0.3	101.39	**83.25%**
2.06	0.98	16.71%	20%	232.06	12.2/14.4	11.8/0.1	3.3/2.9	5.1/2.9	5.1/0.5	203.19	**87.56%**
5.01	0.99	12.75%	50%	570.50	12.1/36	12/0.2	3.3/7.3	5/7.2	5.1/1.3	504.37	**88.41%**
10.43	0.99	10.32%	100%	1192.40	11.9/71.8	12.8/0.4	3.3/14.5	5/14.4	5/2.6	994.61	**83.41%**





PLUG LOAD solutions

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/*

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