

80 PLUS Verification and Testing Report

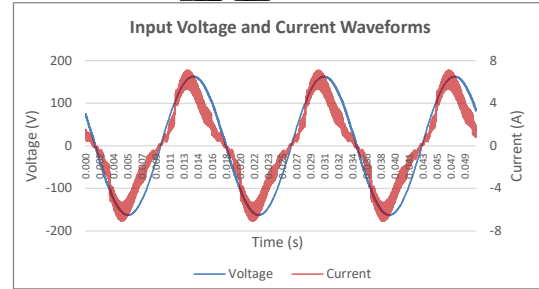
TYPICAL EFFICIENCY (50% Load):	91.36%
AVERAGE EFFICIENCY :	87.63%
80 PLUS COMPLIANT:	Gold



ID Number	7118
Manufacturer	Chieftec
Model Number	CPX-750FC
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	8/11/23

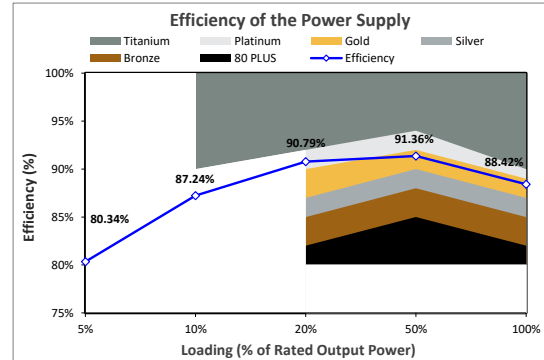
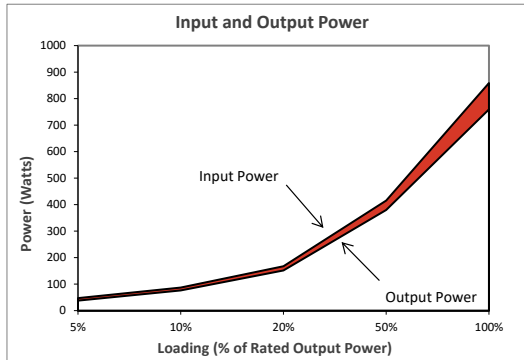
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-4.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 21.49%, 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		
0.057	0.0128	1.46	0%	0.08	No-Load						
0.471	0.8689	13.57	5%	47.07	12.1/2.7	12.13/0.01	3.34/0.52	5.02/0.52	5.12/0.13	37.82	80.34%
0.828	0.9135	13.27	10%	86.97	12.1/5.41	12.13/0.03	3.34/1.04	5.02/1.04	5.1/0.26	75.87	87.24%
1.545	0.9407	16.74	20%	167.17	12.11/10.82	12.14/0.06	3.34/2.08	5.02/2.08	5.08/0.52	151.76	90.79%
3.764	0.9597	21.49	50%	415.36	12.11/27.09	12.17/0.13	3.34/5.19	5.02/5.19	5/1.3	379.48	91.36%
7.714	0.9679	19.16	100%	858.61	12.12/54.19	12.22/0.26	3.35/10.37	5.02/10.39	4.88/2.59	759.20	88.42%



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/>