80 PLUS Verification and Testing Report

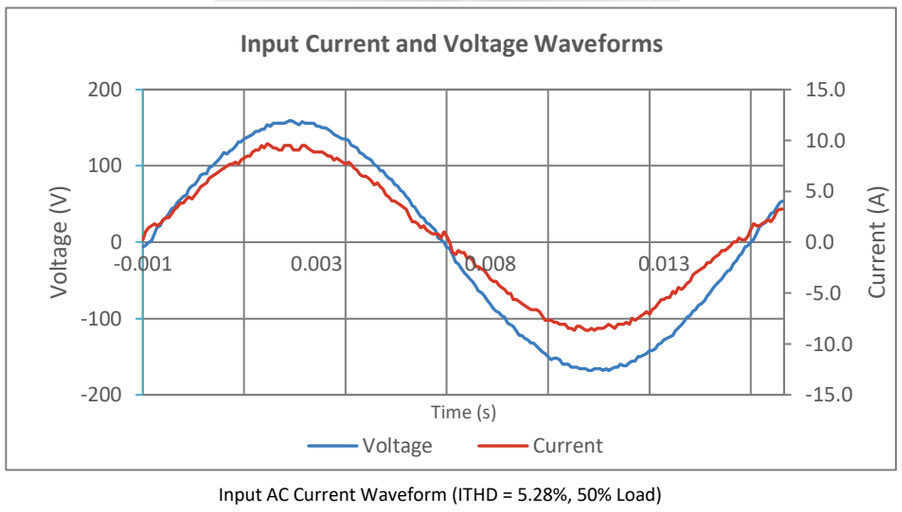
TYPICAL EFFICIENCY (50% Load):	**93.00%**
AVERAGE EFFICIENCY :	**91.31%**
80 PLUS COMPLIANT:	**Platinum**



ID Number	6958
Manufacturer	Chieftec
Model Number	PPX-1300FC-A3
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	1/18/23

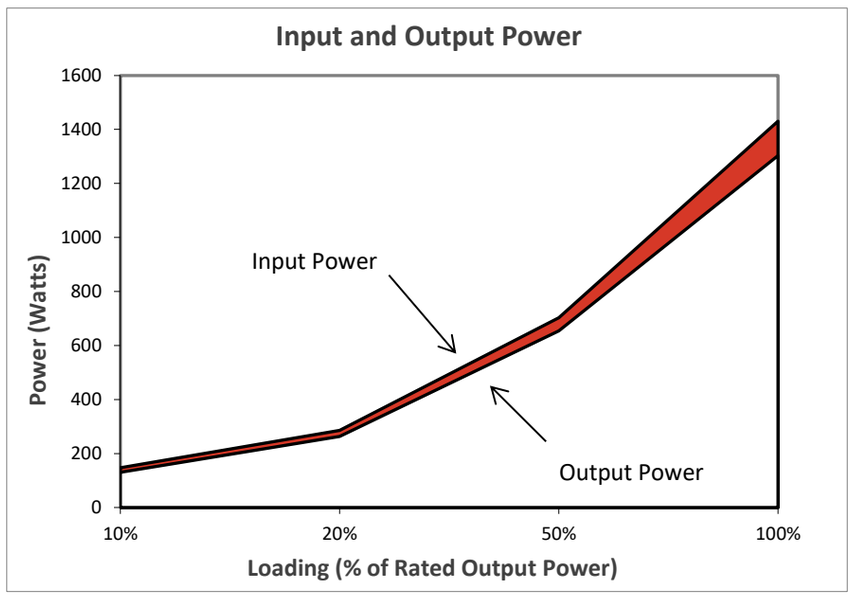
Rated Specifications	Value	Units
Input Voltage	100-240	**Volts**
Input Current	15-8	**Amps**
Input Frequency	50-60	**Hz**
Rated Output Power	1300	**Watts**

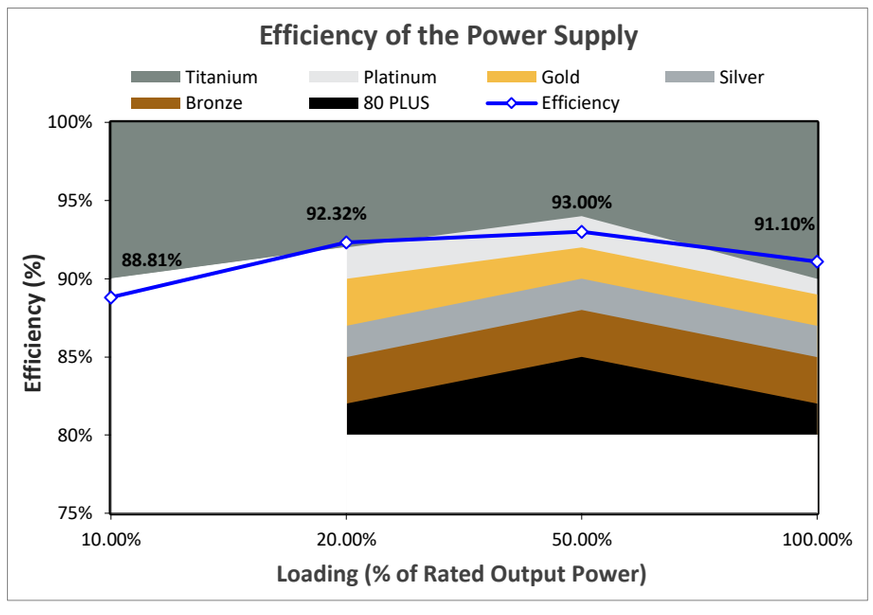
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 5.28%, 50% Load)

I_{RMS}	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		
1.650	0.7770	14.27%	10%	**147.37**	12.07/9.77	12.07/0.05	3.34/1.29	5.08/1.3	5.04/0.27	**130.88**	**88.81%**
2.868	0.8635	7.71%	20%	**284.90**	12.08/19.64	12.11/0.1	3.34/2.61	5.08/2.6	5.04/0.54	**263.03**	**92.32%**
6.290	0.9729	5.28%	50%	**703.70**	12.05/49	12.09/0.23	3.34/6.52	5.07/6.46	5.02/1.35	**654.46**	**93.00%**
12.548	0.9913	5.23%	100%	**1430.80**	12.03/97.7	12.14/0.45	3.34/13.06	5.08/12.91	4.98/2.71	**1303.42**	**91.10%**





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/*