

80 PLUS Verification and Testing Report

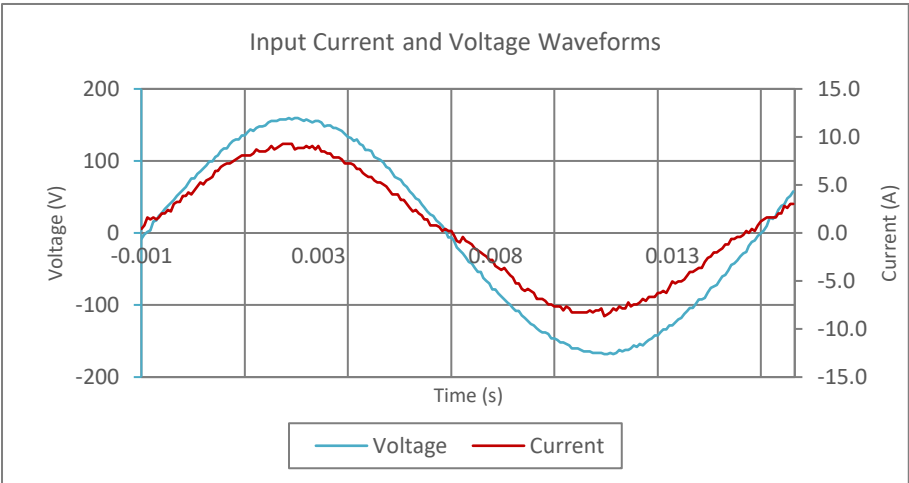
TYPICAL EFFICIENCY (50% Load):	92.18%
AVERAGE EFFICIENCY :	91.41%
80 PLUS COMPLIANT:	YES



ID Number	6658
Manufacturer	Chieftec
Model Number	PPS-1250FC
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	9/1/21

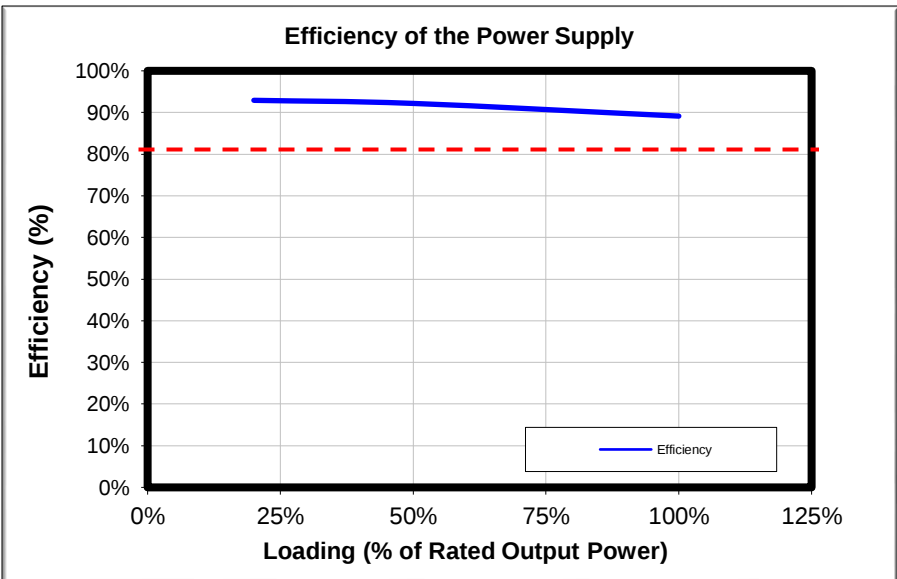
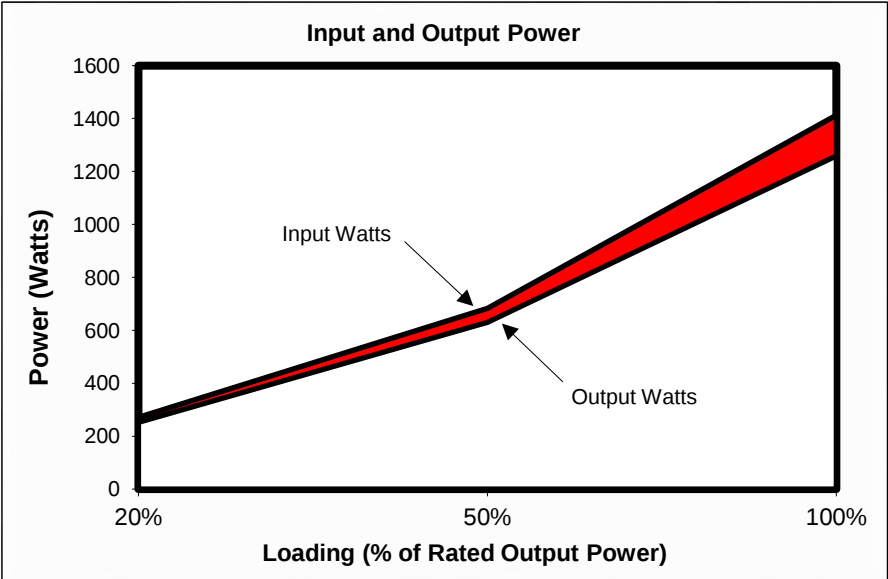
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-8	Amps
Input Frequency	50-60	Hz
Rated Output Power	1250	Watts

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



Input AC Current Waveform (ITHD = 6.21%, 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		
1.25	0.98	12.78%	10%	140.97	12.06/9.42	11.86/0.03	3.31/1.3	5.11/1.3	5.11/0.27	126.28	89.58%
2.37	1.00	3.89%	20%	271.60	12.05/18.85	11.87/0.05	3.3/2.6	5.11/2.59	5.09/0.54	252.36	92.92%
5.96	1.00	6.21%	50%	683.40	12.05/47.08	11.91/0.14	3.28/6.51	5.11/6.45	5.04/1.35	629.93	92.18%
12.31	1.00	5.25%	100%	1412.90	12.07/93.93	11.94/0.27	3.29/13.04	5.11/12.89	4.94/2.7	1259.29	89.13%



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/>