

80 PLUS Verification and Testing Report

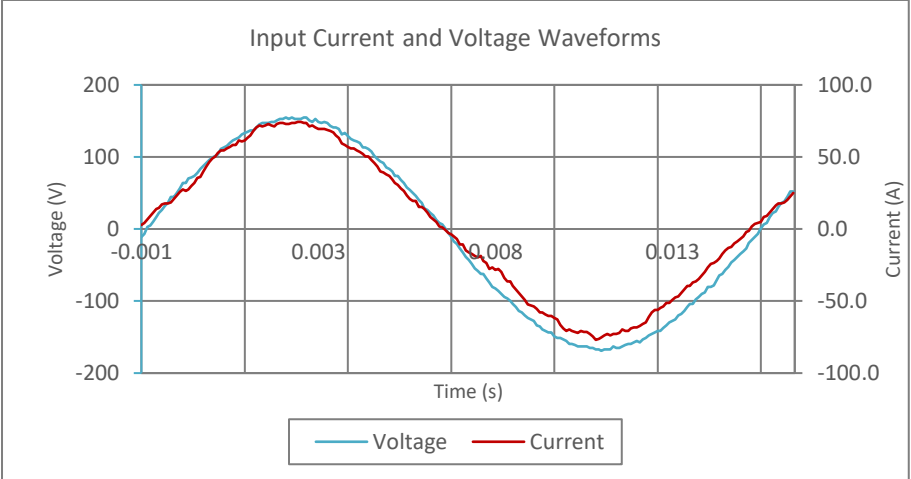
TYPICAL EFFICIENCY (50% Load):	92.10%
AVERAGE EFFICIENCY :	90.96%
80 PLUS COMPLIANT:	YES



ID Number	5539.1
Manufacturer	Chieftronic
Model Number	GPU-1050FC
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	4/3/19

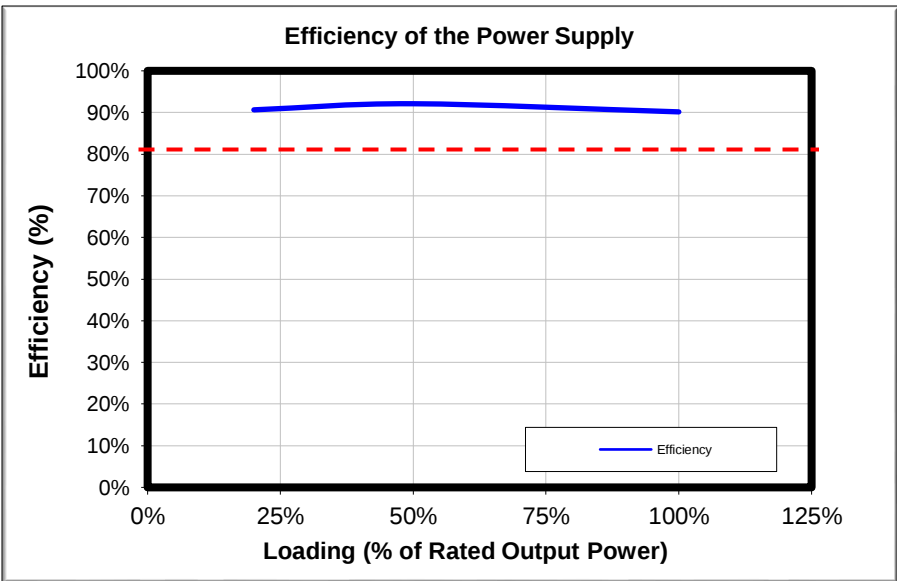
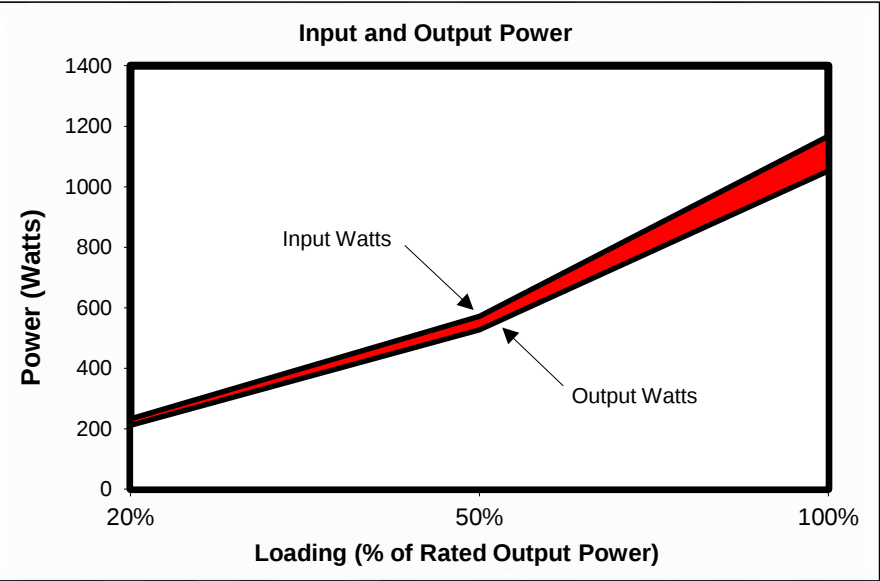
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13-6	Amps
Input Frequency	47-63	Hz
Rated Output Power	1050	Watts

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



Input AC Current Waveform (ITHD = 5.9%, 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		
1.08	0.98	9.08%	10%	121.60	11.94/7.72	12.27/0.03	3.33/1.33	5.1/1.33	5.09/0.28	105.20	86.51%
2.03	0.99	7.38%	20%	232.00	11.95/15.43	12.28/0.06	3.34/2.67	5.09/2.65	5.09/0.55	210.27	90.63%
4.98	1.00	5.90%	50%	571.00	11.95/38.58	12.28/0.14	3.34/6.67	5.09/6.61	5.08/1.38	525.89	92.10%
10.16	1.00	7.39%	100%	1167.00	11.97/77.08	12.32/0.28	3.38/13.35	5.08/13.2	5.05/2.77	1052.00	90.15%



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/>

