

80 PLUS Verification and Testing Report

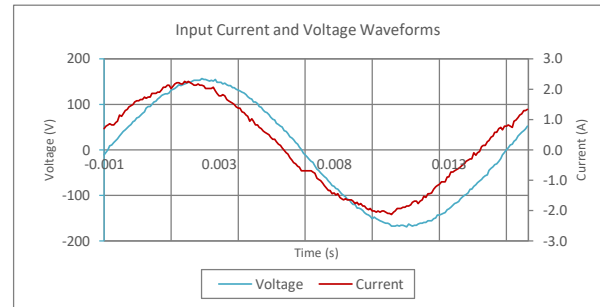
TYPICAL EFFICIENCY (50% Load):	91.19%
AVERAGE EFFICIENCY :	89.88%
80 PLUS COMPLIANT:	YES



ID Number	5722
Manufacturer	CHIEFTEC
Model Number	PPS-550FC
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	10/17/19

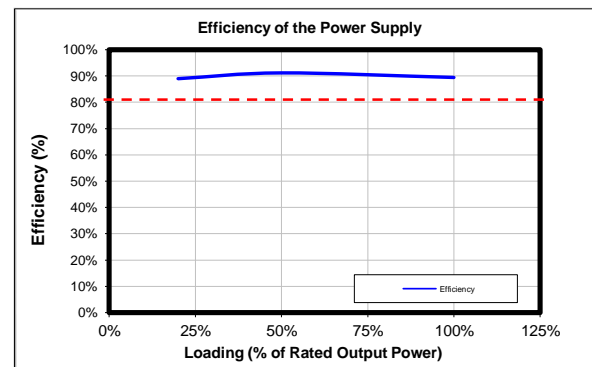
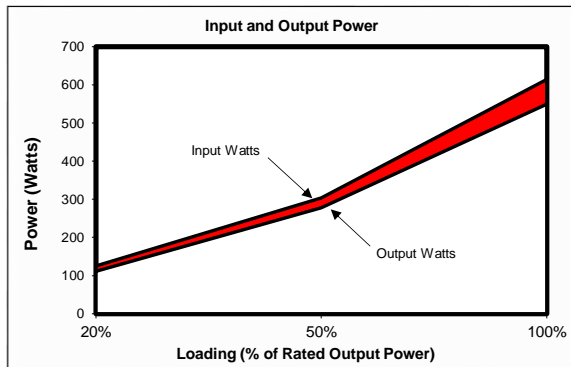
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (ITHD = 3.9%, 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		
0.79	0.74	17.72%	10%	66.91	12.14/3.75	11.76/0.02	3.36/1.03	5.07/1.03	5.15/0.24	55.67	83.20%
1.34	0.81	14.73%	20%	125.46	12.12/7.52	11.7/0.05	3.36/2.07	5.06/2.06	5.13/0.49	111.64	88.99%
2.84	0.93	3.90%	50%	304.00	12.07/18.79	11.46/0.12	3.33/5.16	5.03/5.12	5.07/1.22	277.22	91.19%
5.47	0.98	8.46%	100%	614.20	11.98/37.53	11.62/0.24	3.26/10.34	4.98/10.23	4.99/2.45	549.44	89.46%



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/>

