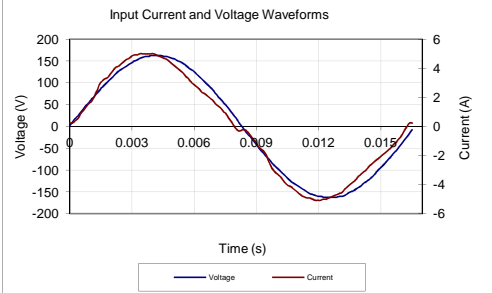


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	87.99%
AVERAGE EFFICIENCY :	86.38%
80 PLUS COMPLIANT:	YES



Ecos ID #	3656
Manufacturer	CHIEFTEC
Model Number	TPS-700S
Serial Number	NA
Year	2013
Type	ATX12V
Test Date	7/25/13

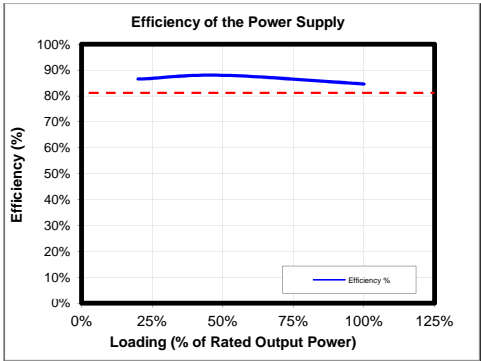
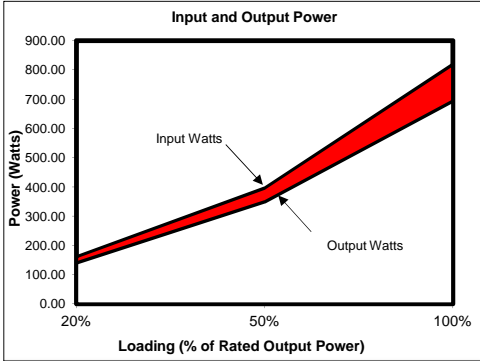


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	700	Watts

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

Input AC Current Waveform (ITHD = 8.93%, 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
0.77	0.97	16.53%	10%	85.51	11.9/4.8	11.7/0	3.4/1.5	5.1/1.3	5.1/0.2	70.16	82.05%
1.43	0.98	13.14%	20%	161.69	11.9/9.5	11.7/0.1	3.4/3.1	5.1/2.5	5.1/0.4	139.92	86.54%
3.48	0.99	8.93%	50%	396.70	11.9/23.8	11.8/0.1	3.4/7.7	5.1/6.3	5/1.1	349.04	87.99%
7.17	0.99	6.48%	100%	819.40	11.9/47.5	11.9/0.3	3.3/15.4	5/12.6	5/2.2	693.33	84.61%



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/>

