

80 PLUS Verification and Testing Report

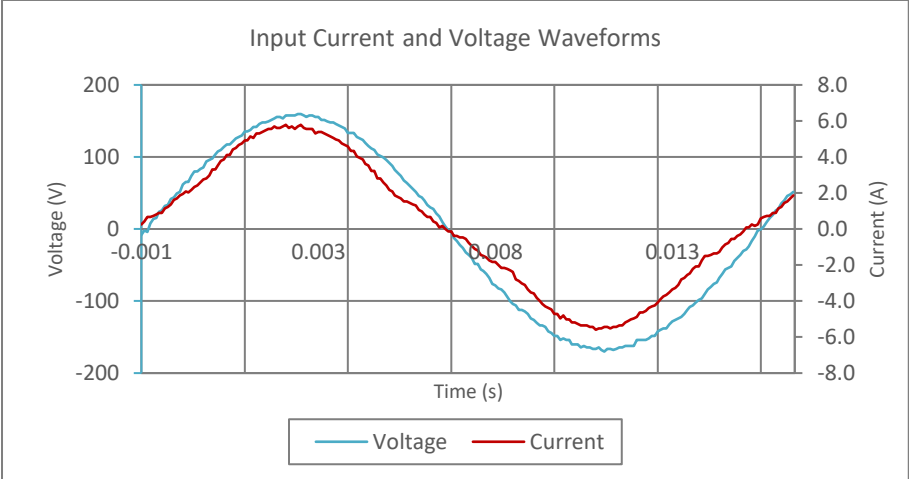
TYPICAL EFFICIENCY (50% Load):	85.42%
AVERAGE EFFICIENCY :	83.64%
80 PLUS COMPLIANT:	YES



ID Number	5461
Manufacturer	iTek
Model Number	ITPSTWN700
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	1/11/19

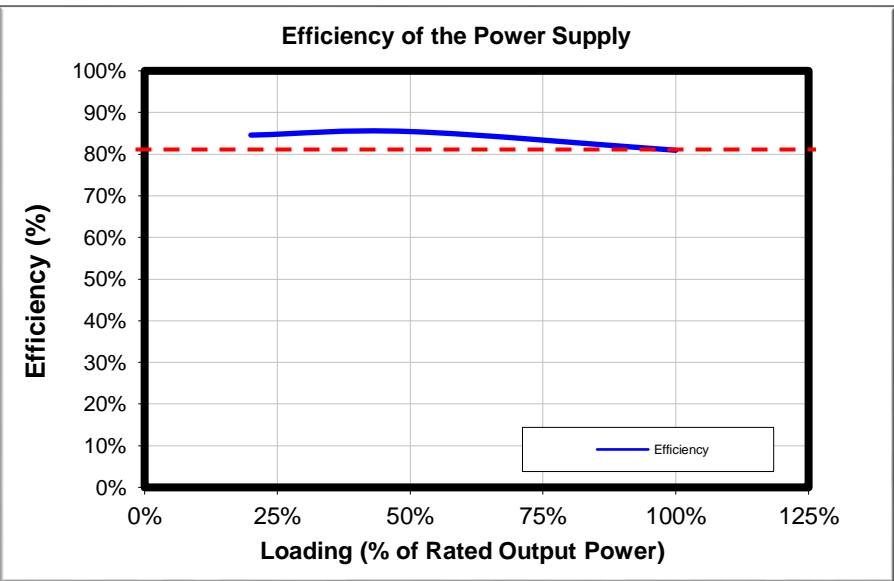
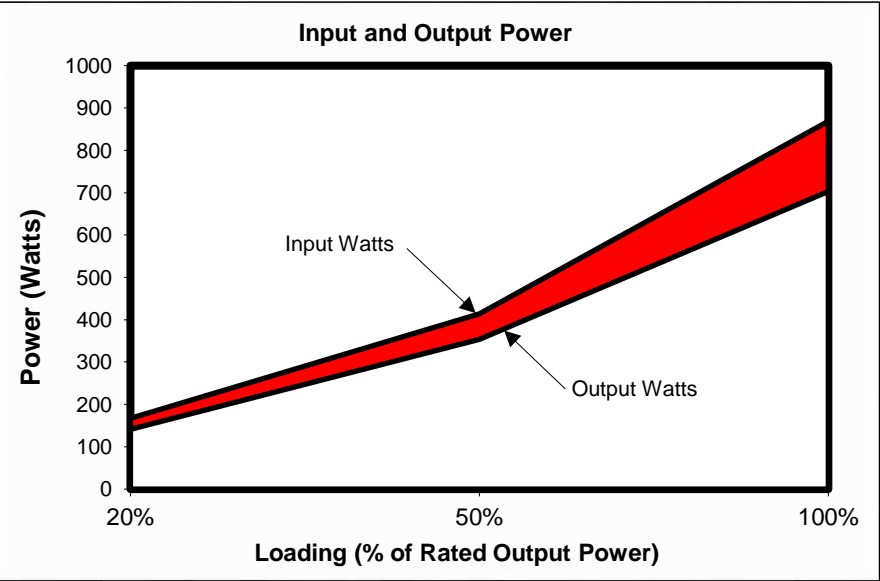
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9	Amps
Input Frequency	63-47	Hz
Rated Output Power	700	Watts

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



Input AC Current Waveform (ITHD = 10.58%, 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		
0.82	0.95	15.79%	10%	90.18	12.08/5.12	11.73/0.03	3.41/0.85	5.15/0.85	5.17/0.26	70.86	78.57%
1.48	0.98	4.92%	20%	167.57	12.07/10.26	11.85/0.05	3.4/1.7	5.15/1.7	5.16/0.53	141.70	84.56%
3.64	0.99	10.58%	50%	414.20	12.05/25.66	12.13/0.13	3.39/4.25	5.15/4.21	5.12/1.32	353.82	85.42%
7.62	0.99	11.11%	100%	868.70	12.02/51.1	12.19/0.26	3.38/8.5	5.15/8.41	5.06/2.64	703.02	80.93%



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/>

