

80 PLUS Verification and Testing Report

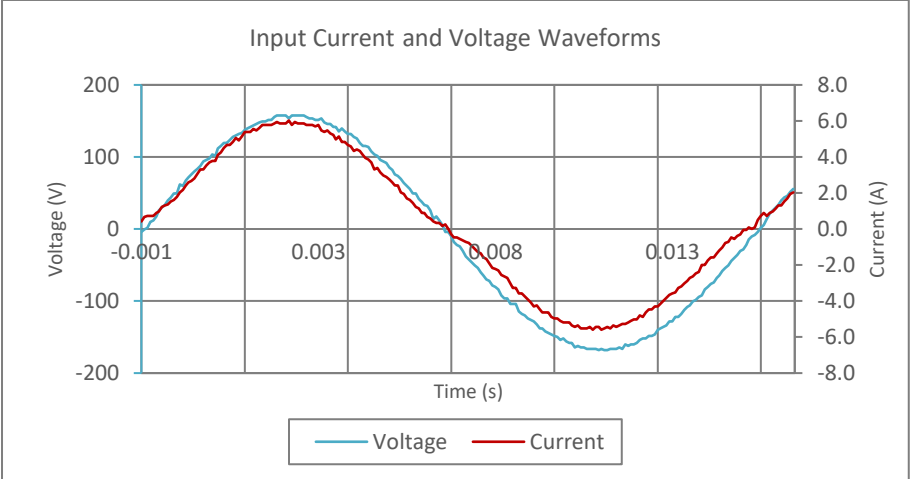
TYPICAL EFFICIENCY (50% Load):	87.62%
AVERAGE EFFICIENCY :	86.43%
80 PLUS COMPLIANT:	YES



ID Number	5463
Manufacturer	iTek
Model Number	ITPSTBS750
Serial Number	N/A
Year	2018
Type	ATX12V
Test Date	1/11/19

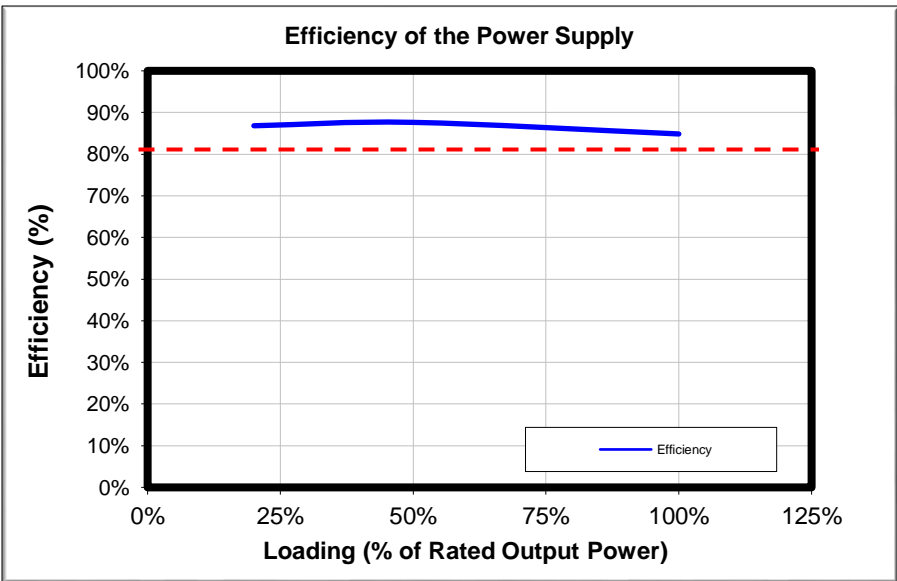
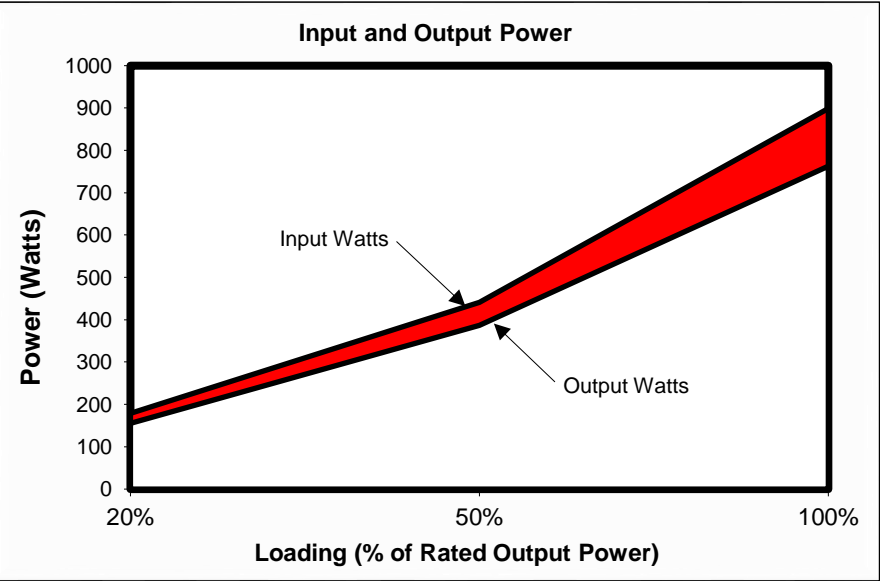
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9	Amps
Input Frequency	63-47	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 6.62%, 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		
1.01	0.81	13.52%	10%	94.33	12.39/5.57	12.04/0.03	3.42/0.81	5.15/0.81	5.2/0.25	77.55	82.21%
1.69	0.92	3.45%	20%	178.94	12.37/11.17	12.06/0.05	3.41/1.62	5.15/1.62	5.19/0.51	155.34	86.81%
3.89	0.98	6.62%	50%	440.70	12.3/27.92	12.08/0.13	3.39/4.06	5.15/4.03	5.18/1.26	386.16	87.62%
7.92	0.99	5.97%	100%	898.90	12.16/55.72	12.14/0.25	3.36/8.13	5.15/8.05	5.15/2.53	762.68	84.85%



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/>

