

80 PLUS Verification and Testing Report

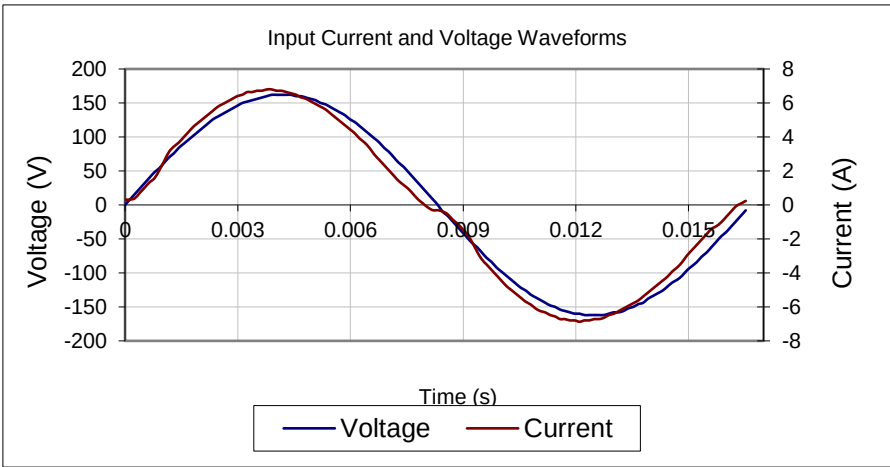
TYPICAL EFFICIENCY (50% Load):	94.12%
AVERAGE EFFICIENCY :	93.28%
80 PLUS COMPLIANT:	YES



ID Number	4882.3
Manufacturer	Antec Inc.
Model Number	X9000A505 -18
Serial Number	N/A
Year	2017
Type	ATX12V,EPS12V
Test Date	2/8/17

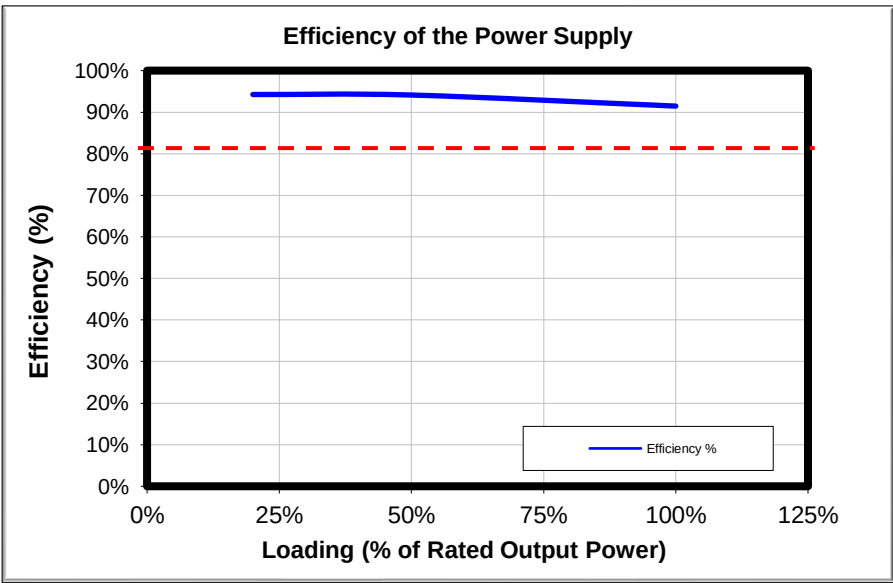
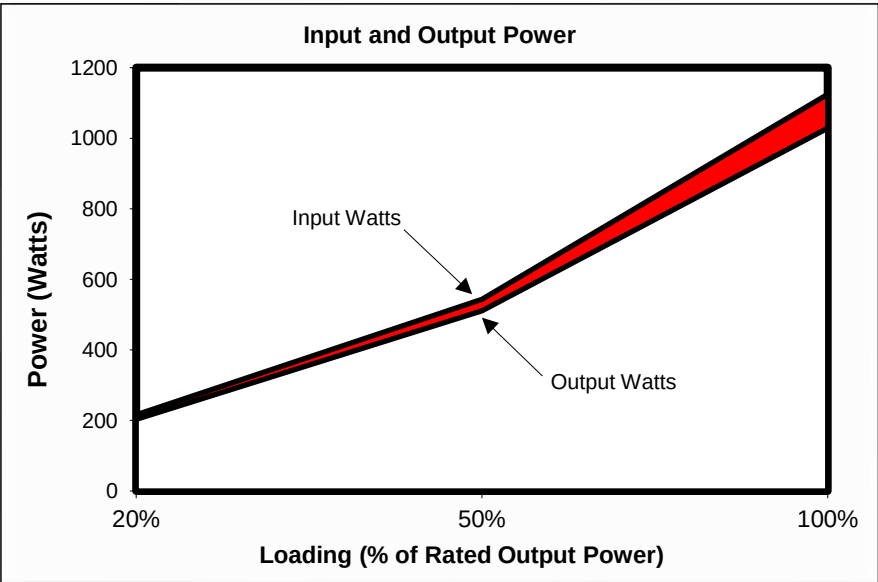
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13-6.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 7.59%, 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		
0.99	0.96	8.77%	10%	109.34	12.12/7.47	11.85/0.03	3.33/1.08	5.02/1.08	5.01/0.27	101.26	92.61%
1.90	0.99	9.86%	20%	215.24	12.16/14.93	11.85/0.05	3.33/2.16	5.02/2.15	5.01/0.54	202.86	94.25%
4.75	0.99	7.59%	50%	543.10	12.26/37.36	11.86/0.13	3.33/5.4	5.02/5.36	5/1.35	511.19	94.12%
9.81	1.00	4.16%	100%	1124.50	12.39/74.39	11.87/0.27	3.33/10.82	5.02/10.7	4.99/2.69	1028.50	91.46%



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/>

