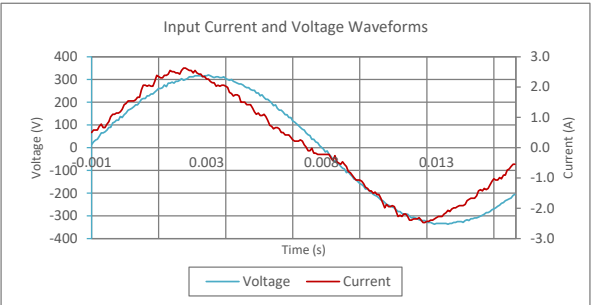


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.03%
AVERAGE EFFICIENCY :	84.97%
80 PLUS COMPLIANT:	YES



ID Number	EU-432
Manufacturer	Antec
Model Number	V3000A102 -18
Serial Number	N/A
Year	2018
Type	ATX12V, EPS12V
Test Date	6/29/18

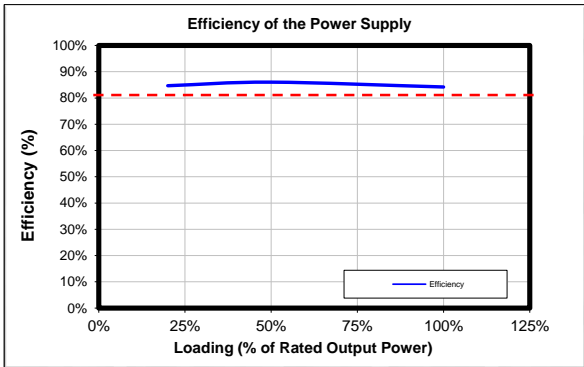
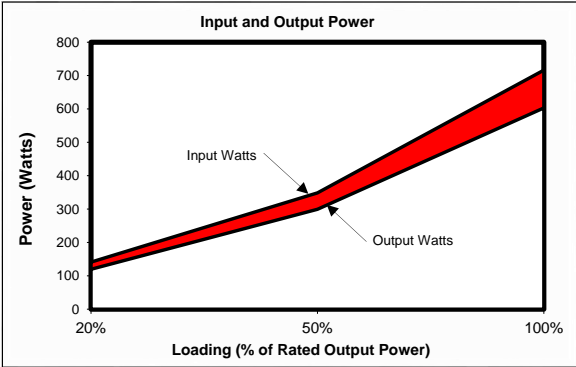


Input AC Current Waveform (ITHD = 13.5%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	5	Amps
Input Frequency	47-63	Hz
Rated Output Power	600	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.

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.)						
0.40	0.81	23.03%	10%	75.40	11.84/4.03	-12V	3.3V	5V	5Vsb	59.97	79.53%
0.67	0.91	18.43%	20%	141.18	11.84/8.04	11.9/0.05	3.37/2.77	5.18/2.35	5.05/0.44	119.54	84.67%
1.56	0.97	13.50%	50%	348.30	11.85/20.16	12.07/0.13	3.36/6.94	5.19/5.84	5.03/1.09	299.64	86.03%
3.17	0.98	11.77%	100%	716.40	11.98/40.29	12.33/0.26	3.33/13.88	5.17/11.66	4.99/2.18	603.17	84.19%



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/>

