

80 PLUS Verification and Testing Report

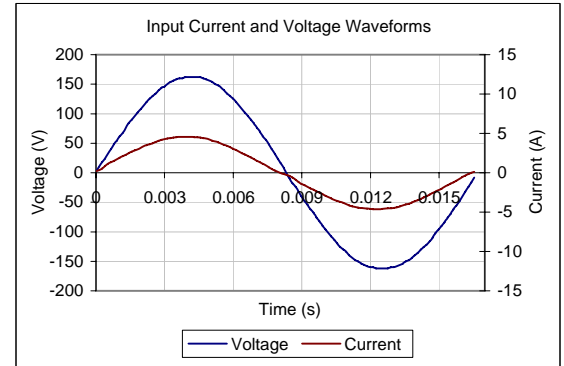
TYPICAL EFFICIENCY (50% Load): 84.13%
AVERAGE EFFICIENCY : 82.43%
80 PLUS COMPLIANT: YES



Ecos ID #	430
Manufacturer	BESTEC
Model Number	ATX0300EWWB
Serial Number	NA
Year	2007
Type	ATX12V
Test Date	11/8/2007

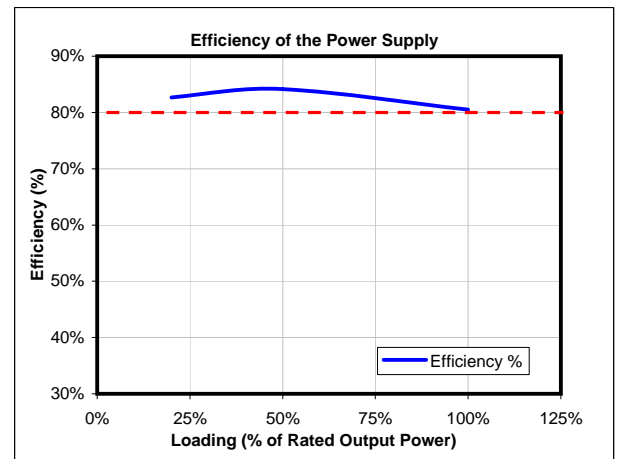
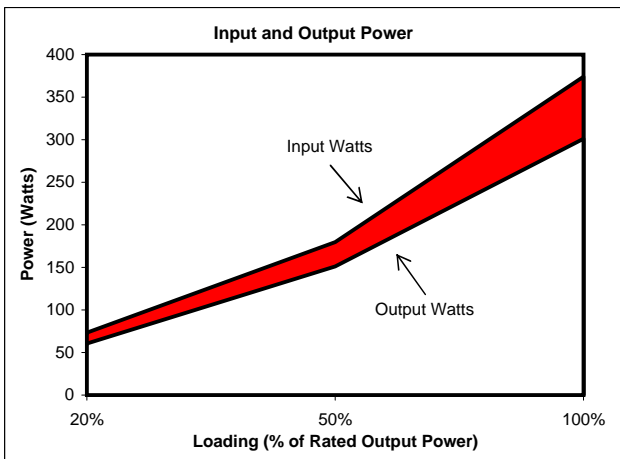
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (ITHD = 5.8%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of 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		
0.65	0.99	7.2%	20%	Light	73	12.2/3.2	11.8/0	3.3/2.2	5/2.6	5/0.3	61	82.66%
1.58	0.99	5.8%	50%	Typical	180	12.2/7.9	12/0	3.3/5.6	5/6.6	5/0.7	151	84.13%
3.26	1.00	4.0%	100%	Full	374	12.2/15.7	12.3/0.1	3.2/11.1	4.9/13.3	4.9/1.4	301	80.50%



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/>

