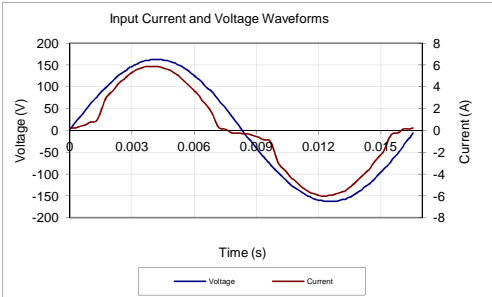


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	87.44%
AVERAGE EFFICIENCY :	85.82%
80 PLUS COMPLIANT:	YES



Ecos ID #	3308
Manufacturer	Powercool
Model Number	PCB-750BK
Serial Number	N/A
Year	2012
Type	ATX12V
Test Date	10/17/12

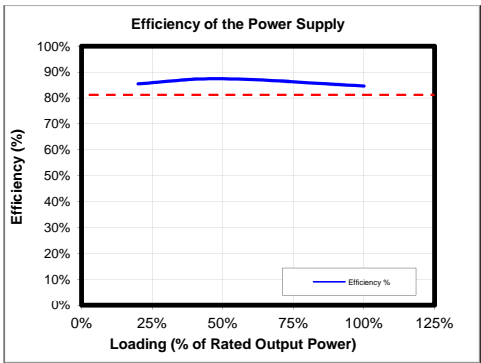
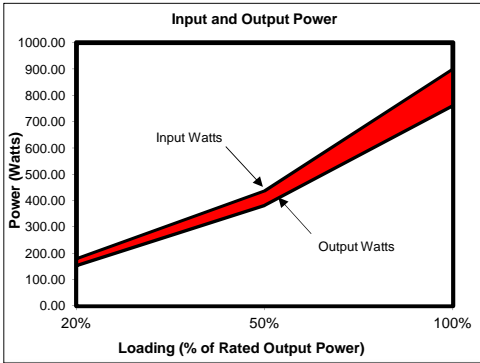


Rated Specifications	Value	Units
Input Voltage	110/220	Volts
Input Current	N/A	Amps
Input Frequency	60/50	Hz
Rated Output Power	750	Watts

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

Input AC Current Waveform (ITHD = 21.05%, 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.)										
0.86	0.96	11.94%	10%	95.52	12.2/5.1										
1.61	0.97	23.58%	20%	179.76	12.2/10.2					11.5/0.1	3.4/1.5	5.2/1.5	5.1/0.2	76.57	80.16%
3.89	0.98	21.05%	50%	437.20	12.2/25.3					11.4/0.2	3.4/7.6	5.2/7.5	5.1/1.2	382.29	87.44%
7.94	0.99	15.71%	100%	900.30	12.1/50.6					11.5/0.5	3.4/15.1	5.2/15.1	5/2.4	761.40	84.57%



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/>

