

80 PLUS Verification and Testing Report

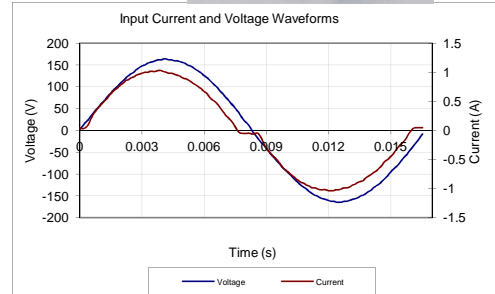
TYPICAL EFFICIENCY (50% Load):	90.97%
AVERAGE EFFICIENCY :	90.22%
80 PLUS COMPLIANT:	YES



Ecos ID #	3073
Manufacturer	Bestec Power Electronics Co., Ltd
Model Number	BT-ZG151EBF Q
Serial Number	120200000154
Year	2012
Type	OTHER Custom
Test Date	4/9/2012

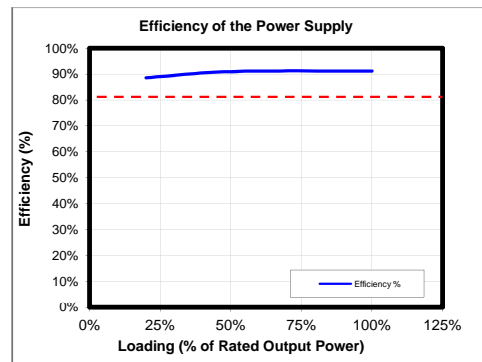
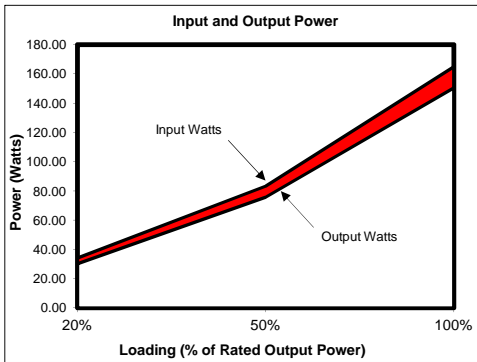
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	2	Amps
Input Frequency	50-60	Hz
Rated Output Power	150	Watts

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



Input AC Current Waveform (ITHD = 11.18%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency %
					19V			
0.34	0.45	18.04%	10%	17.76	19.1/0.8		15.13	85.18%
0.48	0.63	11.18%	20%	34.22	19.1/1.6		30.28	88.50%
0.73	0.99	11.18%	50%	83.33	19.1/4		75.80	90.97%
1.44	1.00	4.36%	100%	165.06	19/7.9		150.55	91.21%



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/>

