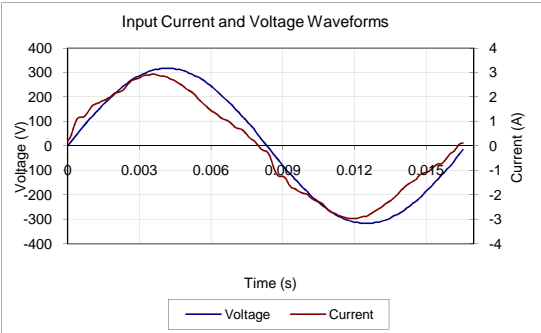


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	89.02%
AVERAGE EFFICIENCY :	87.48%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-185.1
Manufacturer	iStarUSA Group
Model Number	IS-800E
Serial Number	T032HZG00002
Year	2010
Type	1U
Test Date	9/20/2010



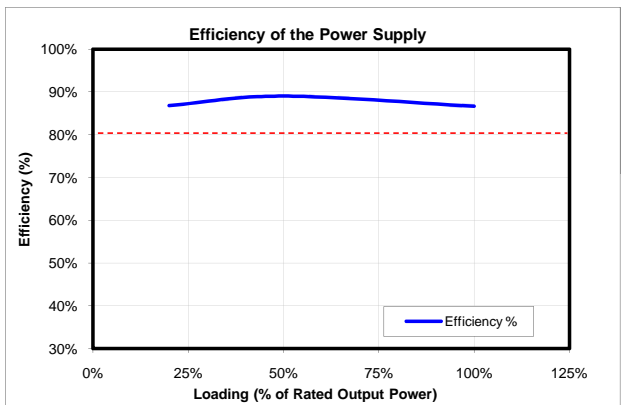
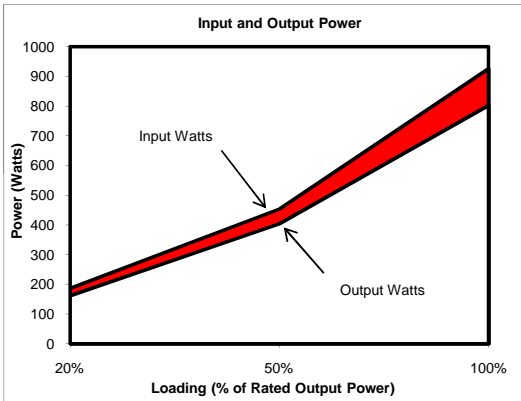
Input AC Current Waveform (ITHD = 7.86%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	47-63	Hz
Rated Output Power	800	Watts

Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)**	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency %
							12V	5Vsb		
0.52	0.83	16.31	*10%	Low	100	1.68	12.12/6.52	4.97/0.35	81	80.45%
0.87	0.93	10.19	20%	Light	186	1.68	12.13/13.06	4.95/0.69	162	86.79%
2.01	0.98	7.86	50%	Typical	454	3.12	12.11/32.64	4.91/1.73	404	89.02%
4.07	0.99	8.64	100%	Full	927	7.32	12.05/65.26	4.87/3.47	803	86.63%

* 10% load results are for informative purposes only and not included in certification requirements.
 ** Fan power is not included in the efficiency calculations



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/>

