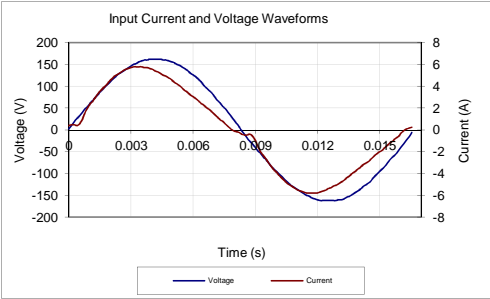


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.83%
AVERAGE EFFICIENCY :	89.38%
80 PLUS COMPLIANT:	YES



Ecos ID #	3588.1
Manufacturer	Leapfrog Distribution Pte Ltd
Model Number	Armaggeddon Voltron Gold 800
Serial Number	NA
Year	2013
Type	EPS12V
Test Date	5/16/13

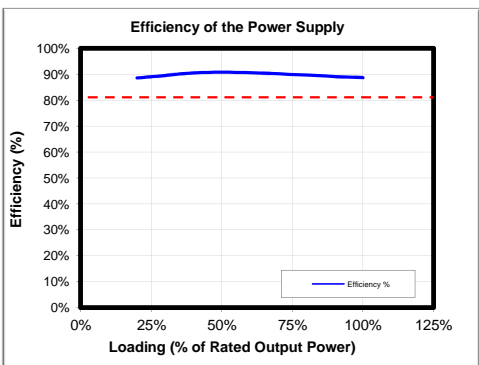
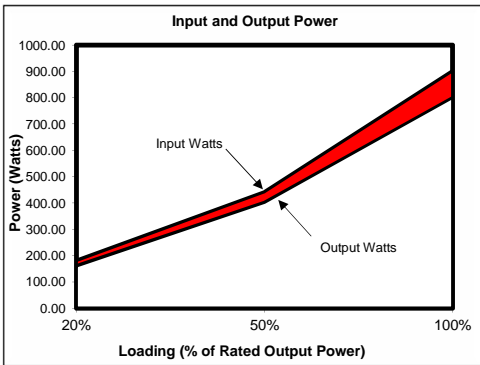


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9.5-4.8	Amps
Input Frequency	60-50	Hz
Rated Output Power	800	Watts

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

Input AC Current Waveform (ITHD = 12.61%, 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.)		-12V	3.3V	5V			5Vsb
0.87	0.95	22.32%	10%	95.41	12/5.5		11.5/0	3.4/1.6	5.1/1.4	5/0.3	80.51	84.38%
1.66	0.95	19.72%	20%	181.72	12/11		11.5/0.1	3.4/3.2	5.1/2.8	5/0.6	161.06	88.63%
3.92	0.98	12.61%	50%	442.80	12/27.5		11.5/0.1	3.4/8.1	5.1/7.1	5/1.4	402.18	90.83%
7.94	0.99	10.36%	100%	903.00	12/55		11.6/0.3	3.4/16.1	5/14.1	5/2.9	800.67	88.67%



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/>

