

80 PLUS Verification and Testing Report

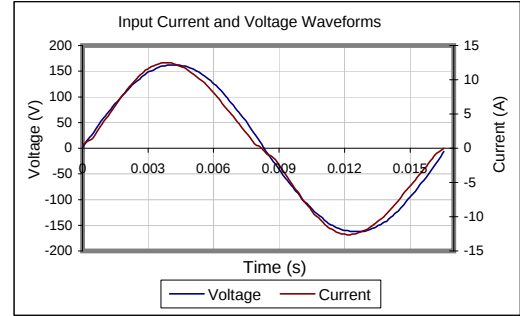
TYPICAL EFFICIENCY (50% Load):	90.97%
AVERAGE EFFICIENCY :	89.47%
80 PLUS COMPLIANT:	YES



Ecos ID #	1811.1
Manufacturer	AZZA (USA) TECHNOLOGY INC.
Model Number	PSAZ-850G14
Serial Number	SO910023718
Year	2009
Type	EPS12V
Test Date	12/1/2009

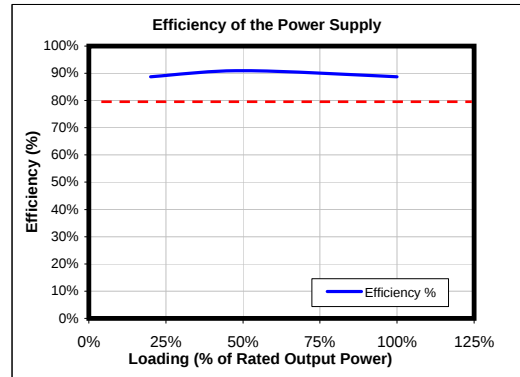
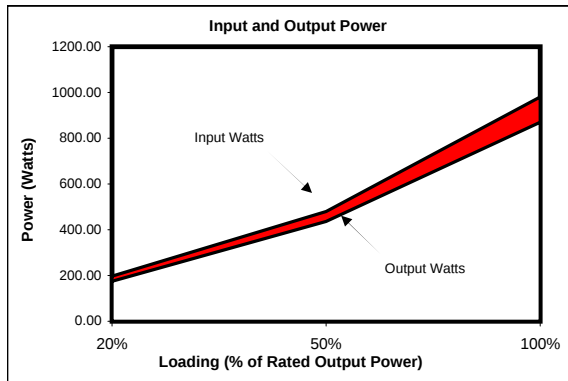
Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	15	Amps
Input Frequency	60/50	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (THD = 9.94%, 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		
1.75	0.98	15.21%	20%	Light	197.30	12.3/12.7	12.2/0.1	3.4/1.6	5.2/1.8	5.1/0.5	175.01	88.70%
4.20	0.99	9.94%	50%	Typical	479.20	12.3/31.7	12.1/0.2	3.4/4.1	5.2/4.4	5.1/1.3	435.92	90.97%
8.56	0.99	7.79%	100%	Full	980.20	12.3/63.5	12/0.4	3.4/8.1	5.1/8.9	5.1/2.7	869.83	88.74%



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/>

