

# 80 PLUS Verification and Testing Report

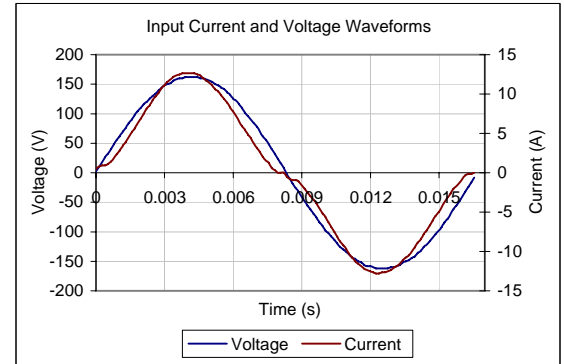
**TYPICAL EFFICIENCY (50% Load):** 88.66%  
**AVERAGE EFFICIENCY :** 87.14%  
**80 PLUS COMPLIANT:** YES



Ecos ID #	893
Manufacturer	ANDYSON
Model Number	AD-M0800A2-YY
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	9/22/2008

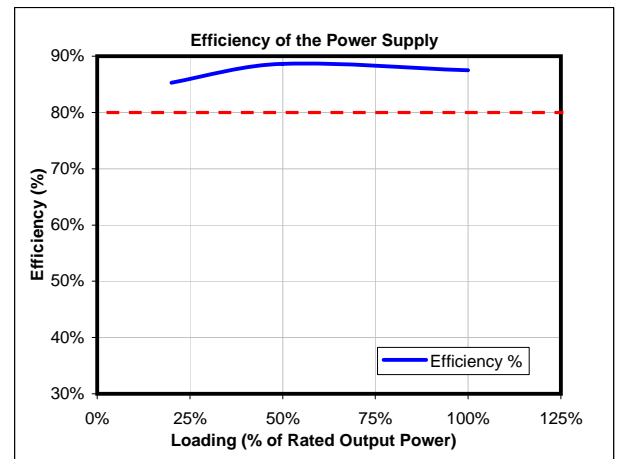
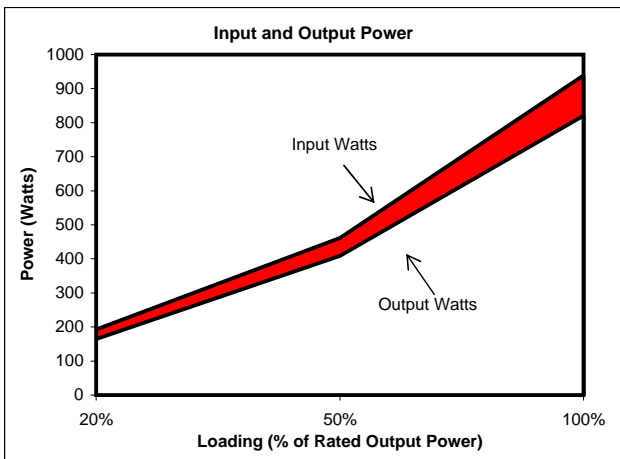
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	800	Watts

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



Input AC Current Waveform (ITHD = 20.7%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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		
1.70	0.98	17.2%	20%	Light	192	12.3/11.8	12/0.1	3.3/1.8	5/1.8	5/0.5	164	85.30%
4.10	0.98	20.7%	50%	Typical	462	12.3/29.5	12/0.2	3.3/4.5	5/4.5	5/1.3	409	88.66%
8.26	0.99	14.8%	100%	Full	939	12.2/59.5	12.1/0.4	3.3/9	5/9	4.9/2.6	821	87.47%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS<sup>®</sup> 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/>

