

80 PLUS Verification and Testing Report

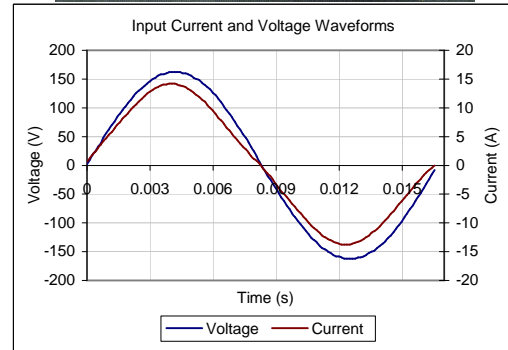
TYPICAL EFFICIENCY (50% Load):	90.01%
AVERAGE EFFICIENCY :	88.06%
80 PLUS COMPLIANT:	YES



Ecos ID #	1182.1
Manufacturer	GLACIAL TECH, INC.
Model Number	GP-AX950AA
Serial Number	N/A
Year	2008
Type	ATX12V
Test Date	12/4/2008

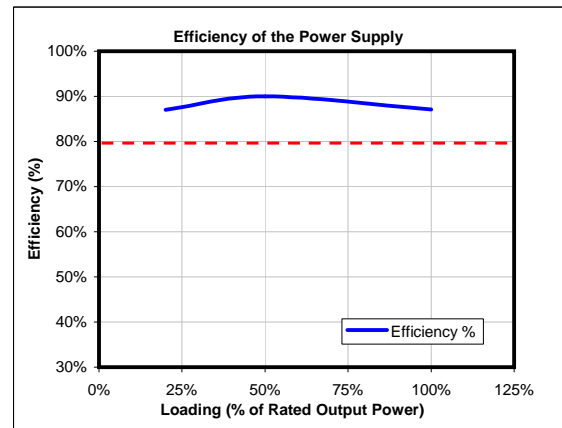
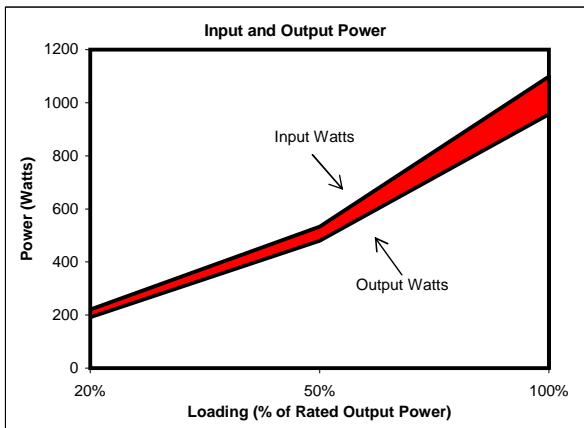
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12/6	Amps
Input Frequency	47-63	Hz
Rated Output Power	950	Watts

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



Input AC Current Waveform (ITHD = 9.09%, 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		
1.96	0.98	10.5%	20%	Light	221	12.1/13.4	11.9/0.1	3.3/3.2	5.1/3.1	5.2/0.5	192	87.05%
4.67	0.99	9.1%	50%	Typical	533	12.1/33.4	12/0.2	3.3/7.9	5.1/7.9	5.2/1.3	480	90.01%
9.57	1.00	5.8%	100%	Full	1098	12.1/66.8	12.3/0.4	3.3/15.8	5.1/15.8	5.1/2.6	957	87.12%



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These tests were conducted as a part 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 computing technology applications.

Tested by Electric Power Research Institute, Knoxville, TN.

