

80 PLUS Verification and Testing Report

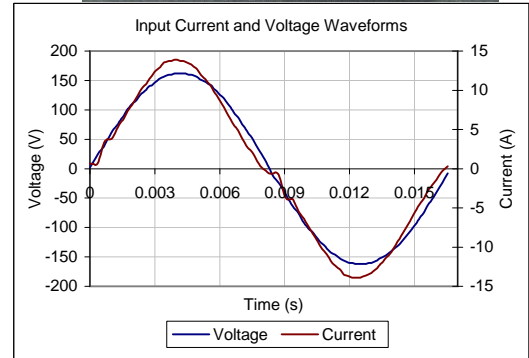


TYPICAL EFFICIENCY (50% Load): 89.26%
AVERAGE EFFICIENCY : 86.73%
80 PLUS COMPLIANT: YES

Ecos ID #	1033.1
Manufacturer	HUNTKEY
Model Number	X7 900
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	10/22/2008

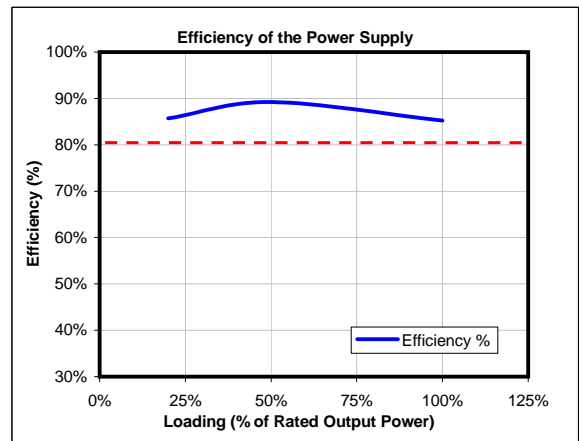
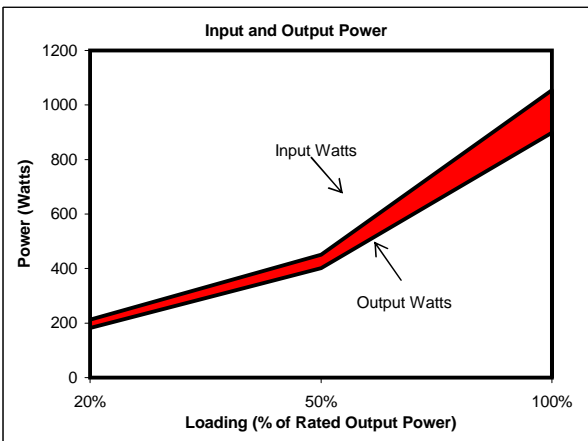
Rated Specifications	Value	Units
Input Voltage	115-230	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	900	Watts

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



Input AC Current Waveform (ITHD = 17.51%, 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
1.91	0.97	24.1%	20%	Light	212	12.1/12.3	11.2/0.1	3.4/3.1	5.1/3.9	5.1/0.5	182	85.73%
3.99	0.98	17.5%	50%	Typical	451	12/30.7	11.4/0.1	3.4/3.1	5.1/3.9	5.1/0.5	402	89.26%
9.23	0.99	10.9%	100%	Full	1054	11.9/61.2	11.4/0.4	3.4/15.4	5/19.3	5/2.6	898	85.20%



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.