

80 PLUS Verification and Testing Report

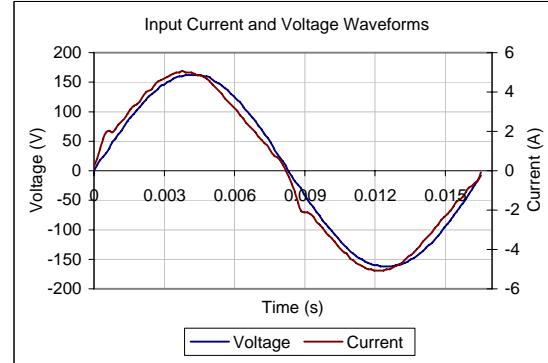
TYPICAL EFFICIENCY (50% Load): 89.07%
AVERAGE EFFICIENCY : 87.82%
80 PLUS COMPLIANT: YES



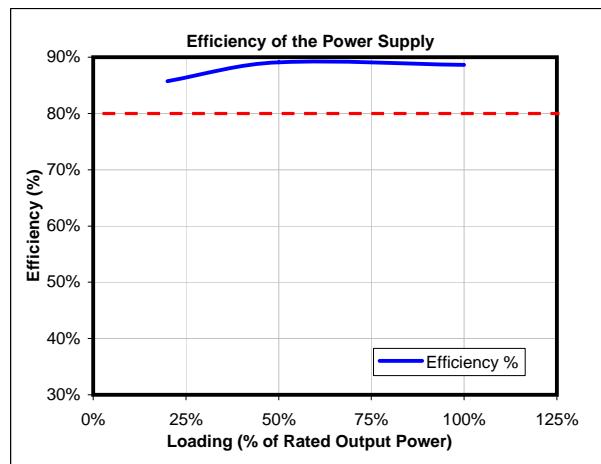
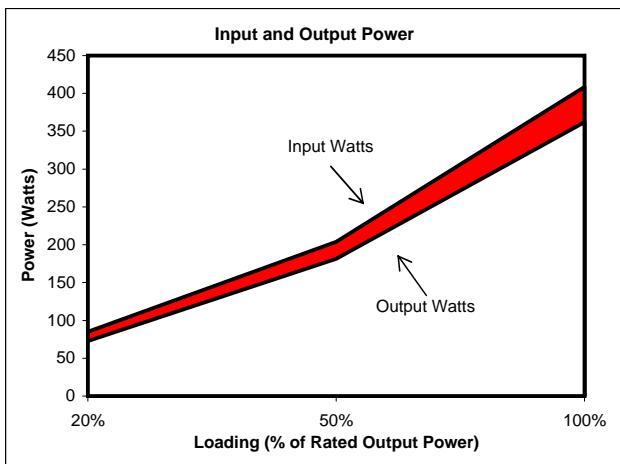
Ecos ID #	1082
Manufacturer	SUPERMICRO
Model Number	PWS-361-1H
Serial Number	S1T0840000146
Year	2008
Type	EPS1U
Test Date	10/23/2008

Rated Specifications		Value	Units
Input Voltage	100-240	Volts	
Input Current	4.8-2.7	Amps	
Input Frequency	50-60	Hz	
Rated Output Power		360	Watts

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



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		
0.76	0.97	8.8%	20%	Light	85	12.1/4.2	11.8/0.1	3.3/2.1	5.1/2.1	5.1/0.6	73	85.75%
1.79	0.99	5.2%	50%	Typical	204	12.1/10.6	11.8/0.2	3.3/5.3	5.1/5.3	5/1.5	182	89.07%
3.57	0.99	5.3%	100%	Full	409	12.1/21.1	11.9/0.4	3.3/10.5	5.1/10.5	5/2.9	362	88.63%



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.

Tested by Electric Power Research Institute, Knoxville, TN.

