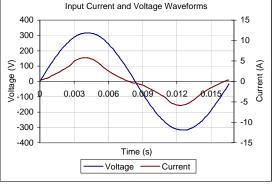
## 80 PLUS Verification and Testing Report

80 PLUS COMPLIANT:	YES
AVERAGE EFFICIENCY:	91.15%
TYPICAL EFFICIENCY (50% Load):	92.47%



Ecos ID #	SO-40				
Manufacturer	SUPERMICRO				
Model Number	PWS-721P-1R				
Serial Number	N/A				
Year	2008				
Туре	1U				
Test Date	12/19/2008				

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7.0-3.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	720	Watts



Input AC Current Waveform (ITHD = 21.54%, 100% Load)

Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.

I <sub>RMS</sub>	PF	I <sub>THD</sub> (%)	Load	Fraction	Input	External	DC Terminal Voltage (V)/ DC Load Current (A)				
Α			(%)	of Load	Watts	Fan (W)**	12V	5Vsb	0V	Watts	Efficiency %
0.52	0.74	30.60	*10%	Low	88	8.28	12.14/5.92	4.93/0.3	0/0	73	83.10%
0.82	0.88	27.82	20%	Light	165	8.28	12.19/11.79	4.92/0.6	0/0	147	88.66%
1.81	0.95	26.01	50%	Typical	395	8.35	12.17/29.43	4.9/1.5	0/0	365	92.47%
3.53	0.97	21.54	100%	Full	789	8.22	12.13/58.82	4.87/3	0/0	728	92.31%

<sup>\* 10%</sup> load results are for informative purposes only and not included in certification requirements.

<sup>\*\*</sup> Fan power is not included in the efficiency calculations

