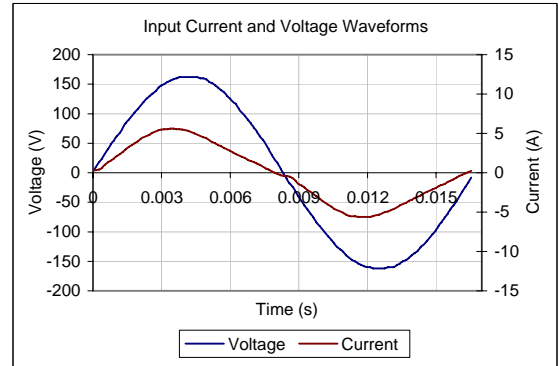


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>85.75%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>84.20%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	855
<b>Manufacturer</b>	FSP
<b>Model Number</b>	RPG-3514-00
<b>Serial Number</b>	N/A
<b>Year</b>	2008
<b>Type</b>	ATX12V
<b>Test Date</b>	9/12/2008

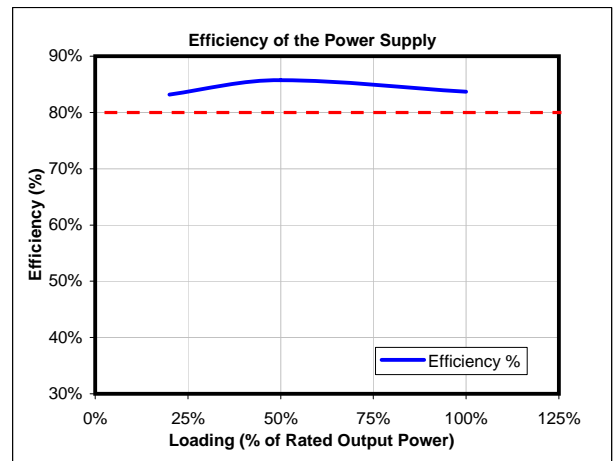
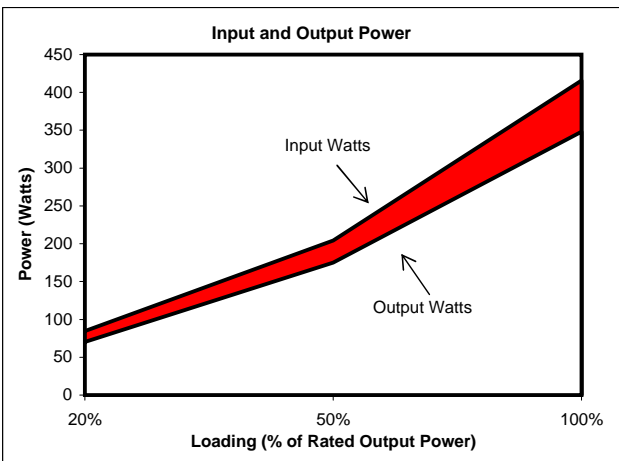


Input AC Current Waveform (ITHD = 17.19%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-3	Amps
Input Frequency	47-63	Hz
<b>Rated Output Power</b>	<b>350</b>	<b>Watts</b>

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

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		
0.78	0.95	23.1%	20%	Light	85	12/4.3	0/0	3.4/2.1	5/2	5/0.3	70	83.18%
1.84	0.97	17.2%	50%	Typical	204	12/10.7	0/0	3.3/5.1	4.9/5.1	5/0.8	175	85.75%
3.68	0.98	12.0%	100%	Full	416	12/21.4	0/0	3.3/10.2	4.8/10.2	4.9/1.7	348	83.66%



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.