

## 80 PLUS Verification and Testing Report

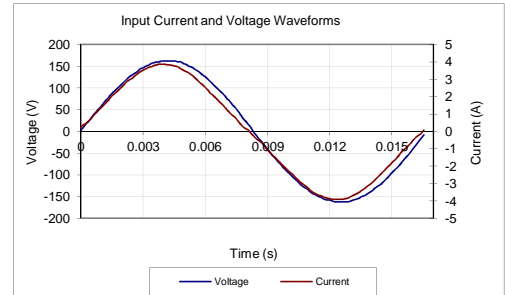
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>90.76%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>89.63%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	2464.1
<b>Manufacturer</b>	BitFenix Co. Ltd.
<b>Model Number</b>	BFP-FUR-550G-KSXX-RP
<b>Serial Number</b>	S0501000045
<b>Year</b>	2011
<b>Type</b>	ATX12V,EPS12V,PS2
<b>Test Date</b>	3/2/2011

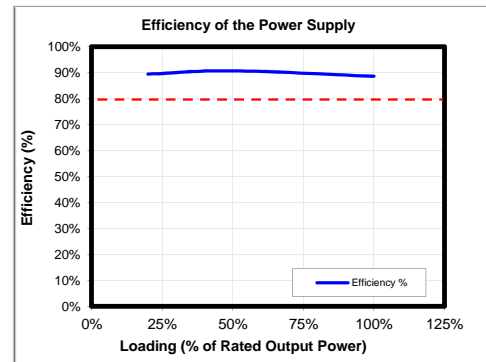
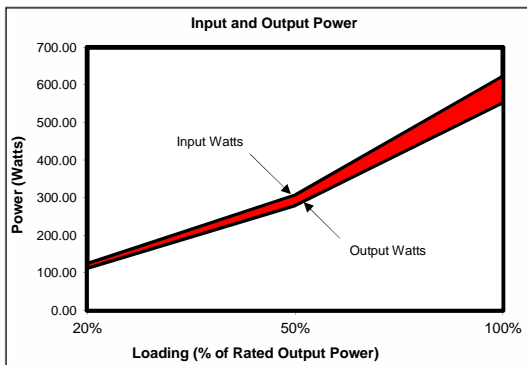
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>550</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 5.36%, 50% Load)

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
1.10	0.99	14.52%	20%	Light	124.71	12.1/6.9		12.2/0.1	3.4/2.8	5/2.8	5/0.6	111.61	89.50%
2.68	1.00	5.36%	50%	Typical	307.20	12.1/17.4		12.5/0.2	3.4/6.9	5/6.9	5/1.4	278.81	90.76%
5.42	1.00	4.19%	100%	Full	623.60	12/34.7		12.5/0.4	3.4/13.8	5/13.8	5/2.9	552.79	88.64%



These tests were conducted by a third party independent testing firm on behalf 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 technology applications. <http://www.80plus.org/>

