

## 80 PLUS Verification and Testing Report

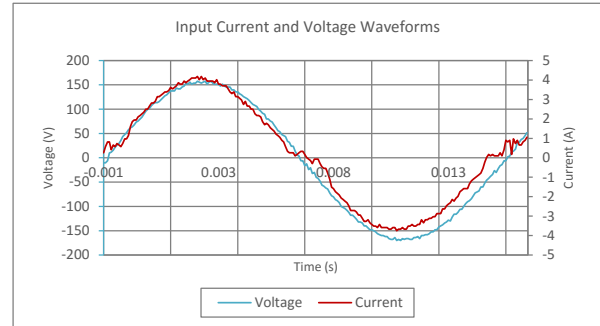
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>86.52%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>84.69%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	5167
<b>Manufacturer</b>	POWERPC COMERCIO DE EQUIPAMENTOS DE INFORMÁTICA LTDA
<b>Model Number</b>	BPC/500-80PLUS/B
<b>Serial Number</b>	N/A
<b>Year</b>	2017
<b>Type</b>	ATX12V
<b>Test Date</b>	12/4/17

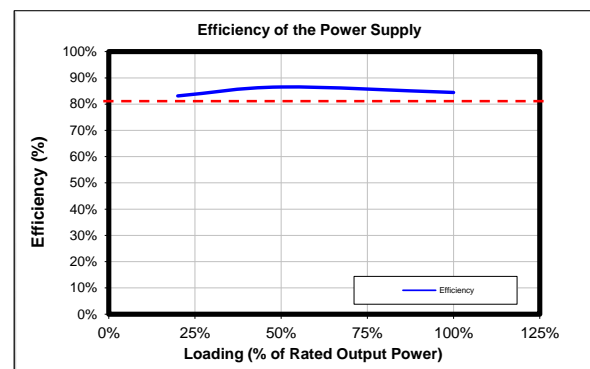
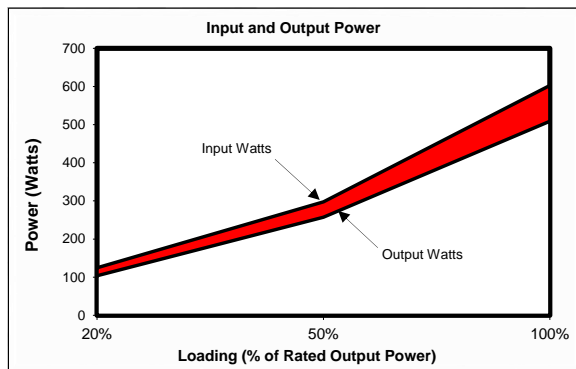
Rated Specifications	Value	Units
Input Voltage	115/230	Volts
Input Current	N/A	Amps
Input Frequency	50/60	Hz
<b>Rated Output Power</b>	<b>500</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 9.54%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	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		
0.67	0.87	42.17%	10%	66.88	12.45/3.33	12.34/0.02	3.42/1.1	5.08/1.1	5.17/0.17	51.89	77.59%
1.14	0.95	24.59%	20%	124.58	12.43/6.65	12.24/0.05	3.4/2.2	5.06/2.19	5.16/0.33	103.54	83.11%
2.62	0.99	9.54%	50%	297.40	12.37/16.64	12.2/0.12	3.38/5.49	5.01/5.44	5.11/0.83	257.30	86.52%
5.33	0.98	8.46%	100%	602.70	12.27/33.24	12.2/0.25	3.31/10.99	4.93/10.87	5.05/1.66	508.88	84.43%



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/>

