

## 80 PLUS Verification and Testing Report

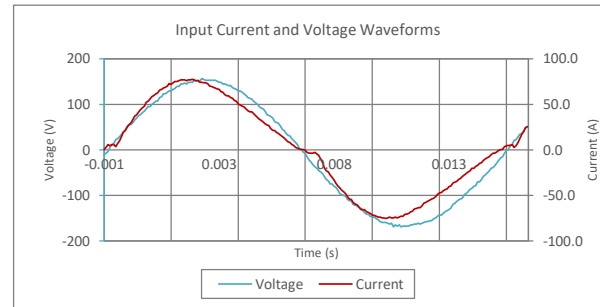
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>90.13%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>88.31%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	5478
<b>Manufacturer</b>	APEVIA CORP.
<b>Model Number</b>	ATX-PR1000W
<b>Serial Number</b>	N/A
<b>Year</b>	2019
<b>Type</b>	ATX12V
<b>Test Date</b>	1/24/19

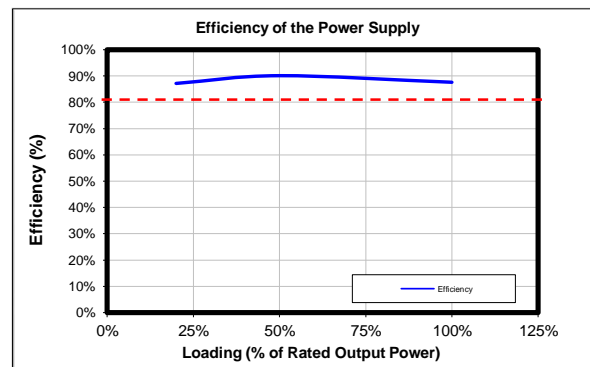
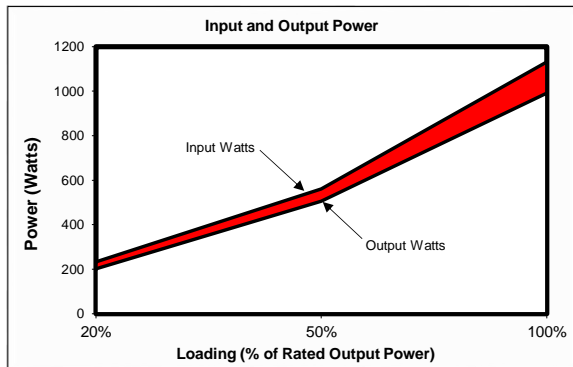
Rated Specifications	Value	Units
Input Voltage	115-230	Volts
Input Current	10/5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>1000</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 12.39%, 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		
1.16	0.92	18.52%	10%	122.62	12.12/7.48	11.52/0.03	3.33/1.08	5.02/1.08	5.06/0.22	101.09	82.45%
2.12	0.95	18.74%	20%	232.62	12.11/15.02	11.53/0.05	3.33/2.17	5.02/2.16	5.05/0.45	202.80	87.18%
4.97	0.98	12.39%	50%	560.40	12.09/37.49	11.55/0.13	3.3/5.42	4.99/5.37	5.02/1.12	505.10	90.13%
9.96	0.99	9.51%	100%	1131.50	12.06/74.64	11.68/0.27	3.25/10.84	4.95/10.73	0/2.25	991.47	87.62%



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/>

