

## 80 PLUS Verification and Testing Report

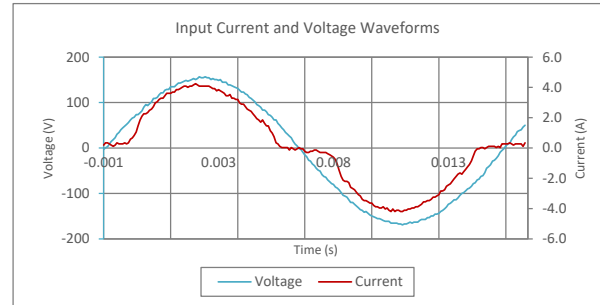
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>83.50%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>81.97%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	5611
<b>Manufacturer</b>	Guangzhou AOJIE Science&Technology Co.,LTD.
<b>Model Number</b>	GTX-500-2
<b>Serial Number</b>	N/A
<b>Year</b>	2019
<b>Type</b>	ATX12V
<b>Test Date</b>	7/29/19

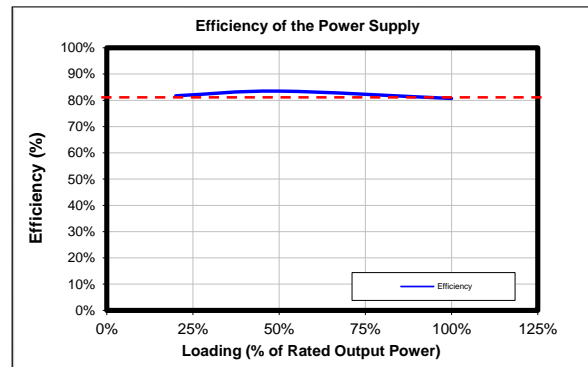
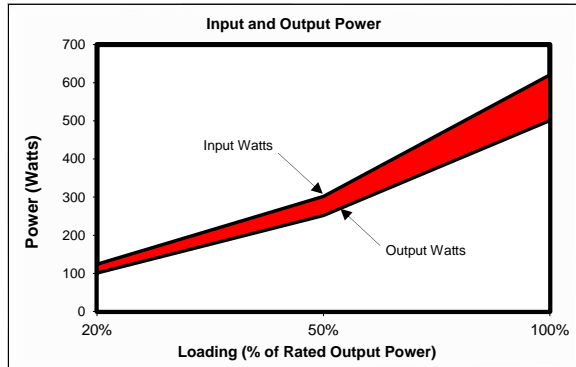
Rated Specifications	Value	Units
Input Voltage	110-220	Volts
Input Current	10-5	Amps
Input Frequency	60-50	Hz
<b>Rated Output Power</b>	<b>500</b>	<b>Watts</b>

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



Input AC Current Waveform (I<sub>THD</sub> = 19.93%, 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		
0.64	0.91	39.90%	10%	67.00	12.08/3.37	11.5/0.03	3.35/1.01	5.29/1.01	5.08/0.21	50.82	75.84%
1.17	0.92	37.09%	20%	123.80	12.06/6.72	11.56/0.05	3.34/2.02	5.28/2.01	5.07/0.42	101.17	81.72%
2.69	0.98	19.93%	50%	301.90	12.01/16.85	11.66/0.13	3.31/5.04	5.24/5.01	5.02/1.05	252.08	83.50%
5.46	0.99	13.62%	100%	620.50	11.96/33.69	11.79/0.25	3.27/10.12	5.15/10.01	4.94/2.1	500.77	80.70%



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/>

