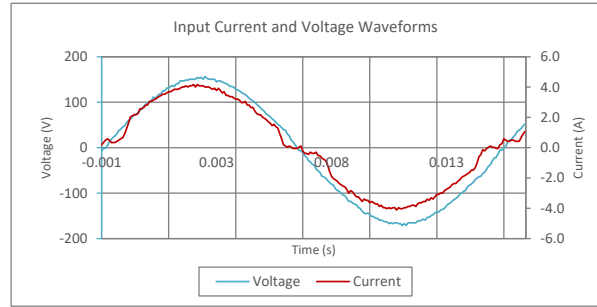


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>86.51%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>84.74%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	5661.1
<b>Manufacturer</b>	MSS TECHNOLOGY CO.,LIMITED
<b>Model Number</b>	GP-550
<b>Serial Number</b>	N/A
<b>Year</b>	2019
<b>Type</b>	ATX12V
<b>Test Date</b>	9/16/19

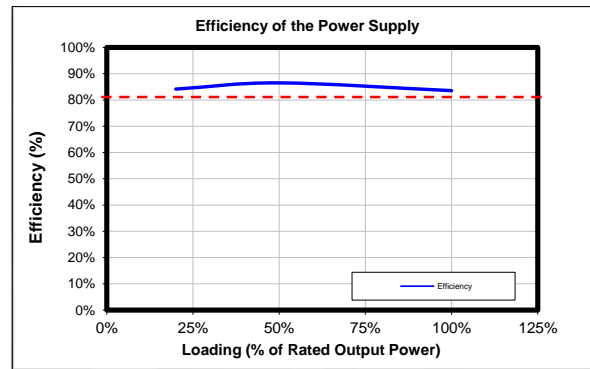
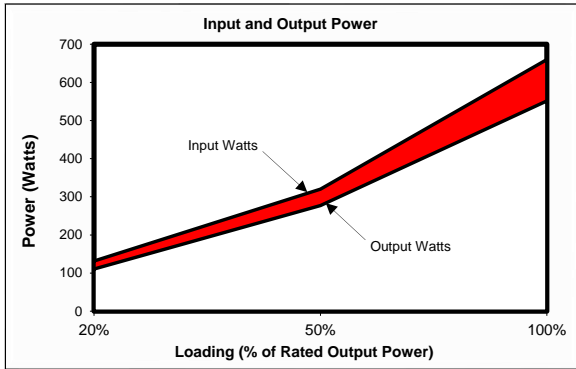


Input AC Current Waveform (ITHD = 9.3%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100~240	Volts
Input Current	12~6	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 at 60 Hz.

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		
0.72	0.84	16.88%	10%	69.50	11.8/3.65	11.5/0.05	3.35/0.96	5.23/1.28	5.05/0.24	54.79	78.83%
1.23	0.93	20.19%	20%	131.40	11.97/7.3	11.65/0.1	3.35/1.92	5.16/2.55	5.04/0.48	110.57	84.15%
2.84	0.98	9.30%	50%	320.10	12/18.3	11.69/0.24	3.34/4.8	5.11/6.35	5/1.2	276.93	86.51%
5.80	0.99	6.71%	100%	659.80	11.97/36.55	11.72/0.48	3.32/9.62	5.06/12.68	4.96/2.39	551.34	83.56%



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/>

