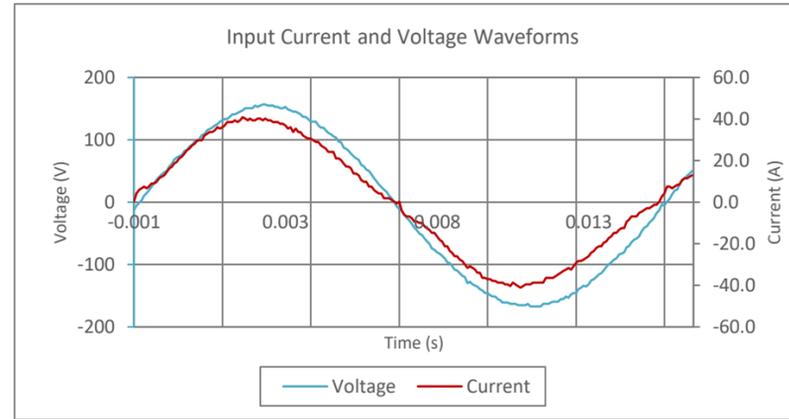


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>91.31%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>90.28%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	5522
<b>Manufacturer</b>	HKC OVERSEAS LIMITED
<b>Model Number</b>	HKCJP-550AGX-1
<b>Serial Number</b>	N/A
<b>Year</b>	2019
<b>Type</b>	ATX12V
<b>Test Date</b>	3/22/19

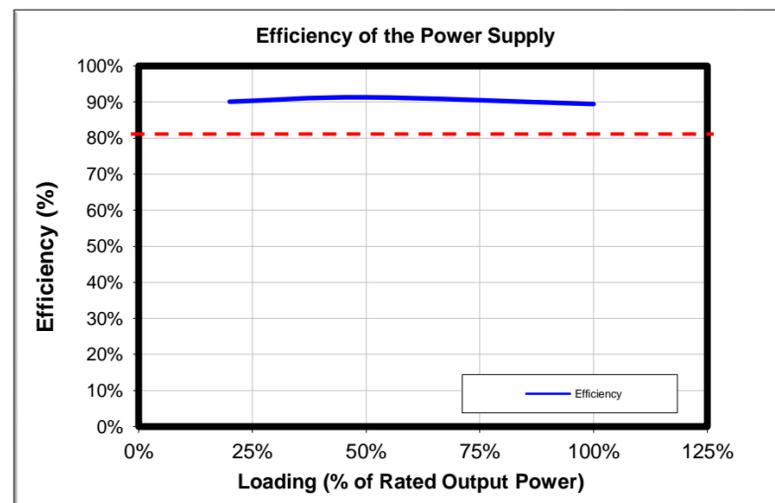
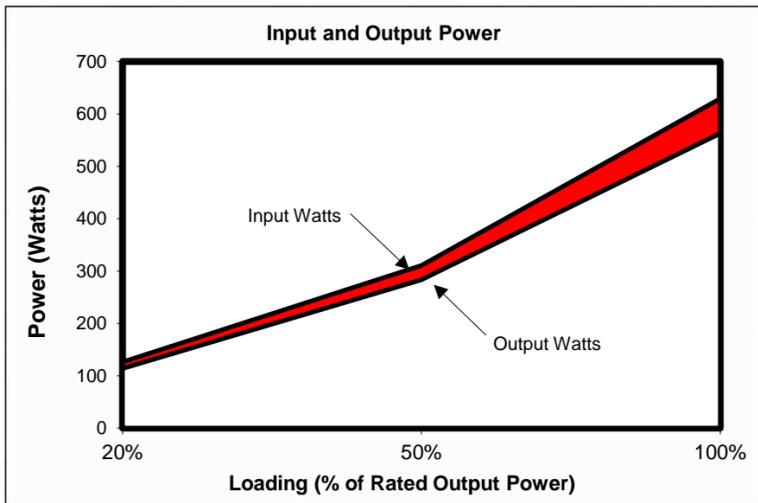


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>550</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 5.94%, 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
0.60	0.96	15.51%	10%	66.66	12.41/3.75	12.19/0.05	3.36/1.14	5.06/0.91	5.12/0.25	56.91	85.38%
1.11	0.99	4.61%	20%	126.30	12.41/7.51	12.2/0.1	3.35/2.28	5.05/1.81	5.11/0.5	113.77	90.08%
2.71	0.99	5.94%	50%	310.40	12.38/18.77	12.22/0.25	3.33/5.7	5.03/4.51	5.06/1.24	283.41	91.31%
5.50	0.99	7.36%	100%	629.10	12.35/37.38	12.24/0.5	3.29/11.39	5/9.01	4.98/2.49	562.66	89.44%



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/>

