

80 PLUS Verification and Testing Report

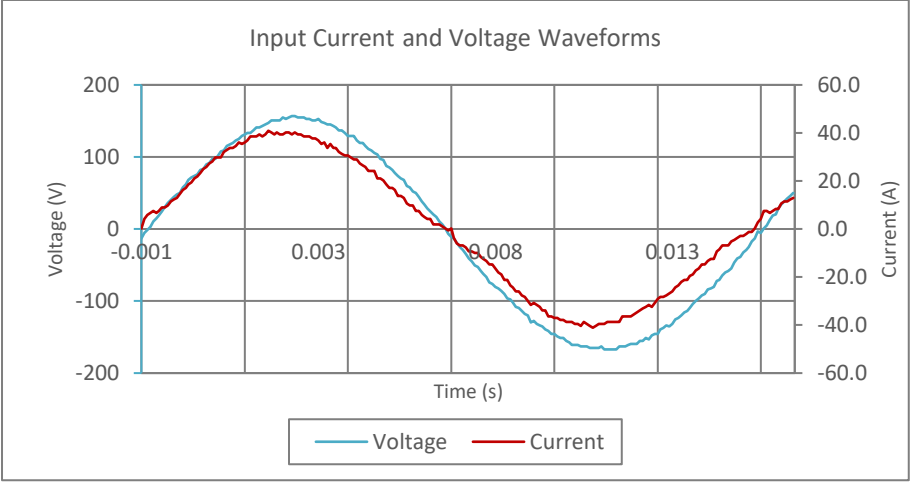
TYPICAL EFFICIENCY (50% Load):	91.31%
AVERAGE EFFICIENCY :	90.28%
80 PLUS COMPLIANT:	YES



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

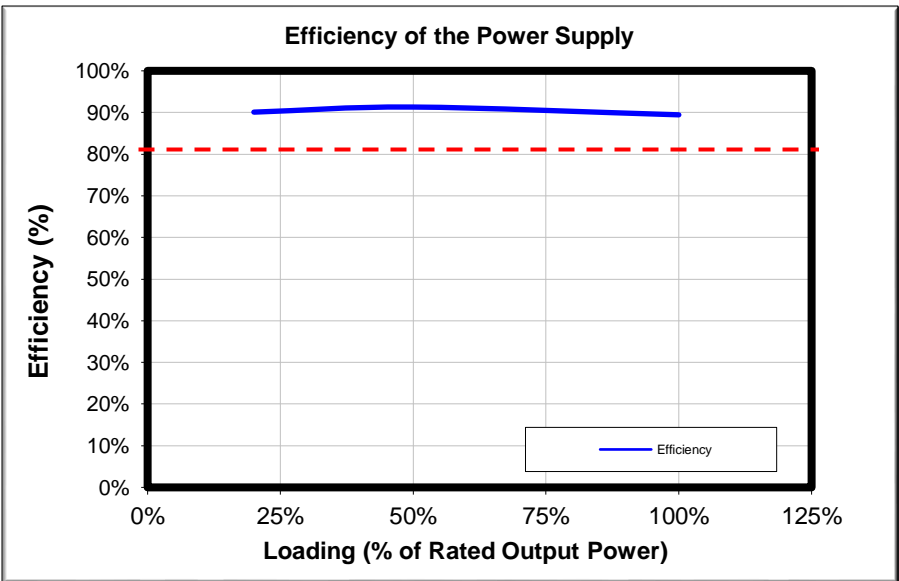
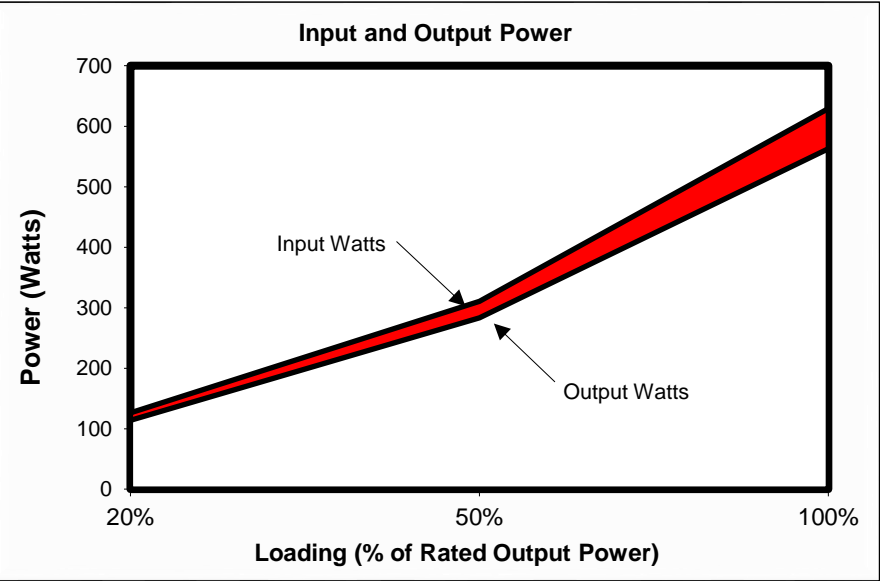
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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 _{RMS}	PF	I _{THD}	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/>

