

80 PLUS Verification and Testing Report

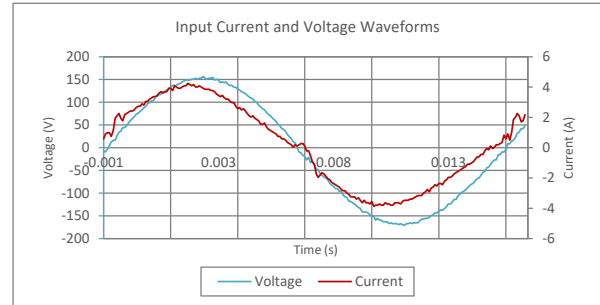
TYPICAL EFFICIENCY (50% Load):	90.04%
AVERAGE EFFICIENCY :	88.45%
80 PLUS COMPLIANT:	YES



ID Number	5062.1
Manufacturer	GUANGDONG SOHOO TECHNOLOGY CO., LTD.
Model Number	GX-550
Serial Number	N/A
Year	2017
Type	ATX12V
Test Date	10/12/17

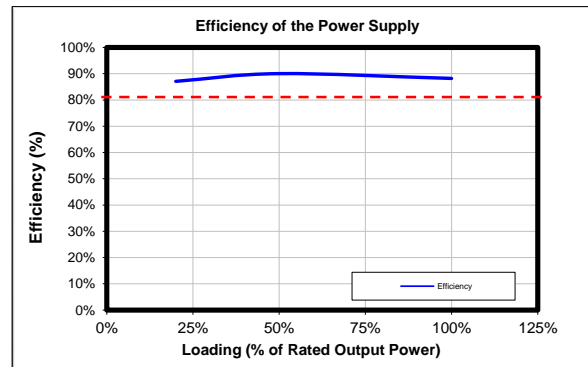
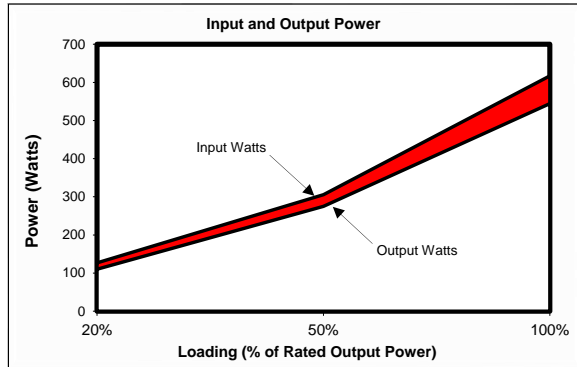
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	47-63	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (I_{THD} = 6.29%, 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		
0.75	0.79	16.11%	10%	67.89	12.05/3.75	11.18/0.04	3.36/1.02	5.02/1.02	5.03/0.21	55.22	81.34%
1.21	0.91	11.20%	20%	126.67	12.01/7.5	11.09/0.09	3.35/2.05	5/2.04	5.01/0.43	110.33	87.10%
2.76	0.96	6.29%	50%	305.40	11.97/18.81	11.14/0.21	3.34/5.12	4.96/5.08	4.96/1.06	274.98	90.04%
5.48	0.98	5.45%	100%	617.05	11.9/37.44	11.26/0.43	3.31/10.26	4.88/10.15	4.87/2.13	544.30	88.21%



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/>

