

80 PLUS Verification and Testing Report

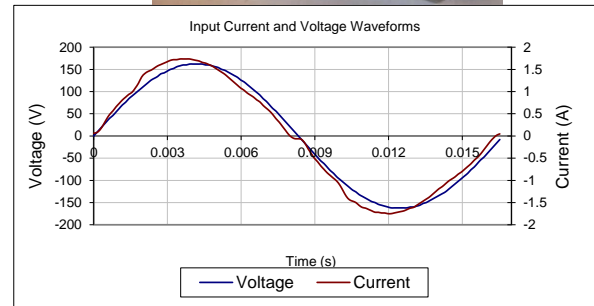
TYPICAL EFFICIENCY (50% Load):	90.69%
AVERAGE EFFICIENCY :	89.16%
80 PLUS COMPLIANT:	YES



Ecos ID #	4661
Manufacturer	GUANGDONG SOHOO TECHNOLOGY CO., LTD.
Model Number	GT-250G
Serial Number	NA
Year	2016
Type	TFX
Test Date	8/3/16

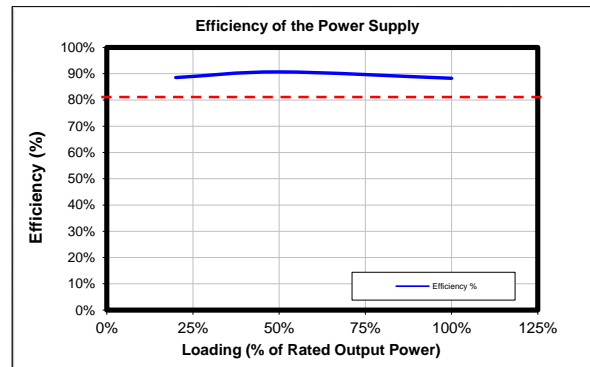
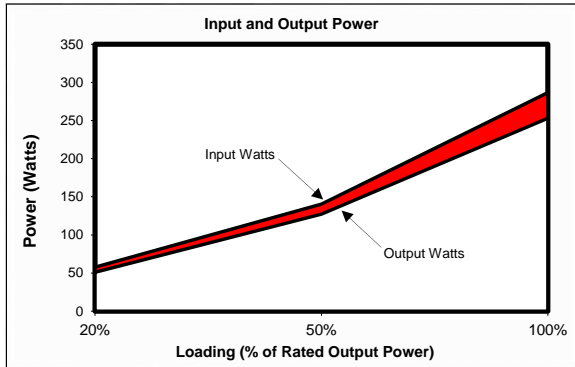
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5/2.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	250	Watts

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



Input AC Current Waveform (ITHD = 6.56%, 50% Load)

I _{RMS} A	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		
0.29	0.91	12.73%	10%	30.95	12.25/1.66	11.95/0.03	3.36/0.5	5.03/0.5	5.09/0.13	25.57	82.63%
0.52	0.96	8.32%	20%	57.59	12.23/3.33	11.93/0.05	3.35/1	5.03/1	5.08/0.26	50.99	88.53%
1.23	0.99	6.56%	50%	140.42	12.22/8.32	11.93/0.13	3.34/2.5	5.02/2.49	5.06/0.65	127.35	90.69%
2.50	1.00	4.08%	100%	286.60	12.16/16.6	12.04/0.26	3.32/4.99	5/4.95	5.02/1.3	252.96	88.26%



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/>

