

80 PLUS Verification and Testing Report

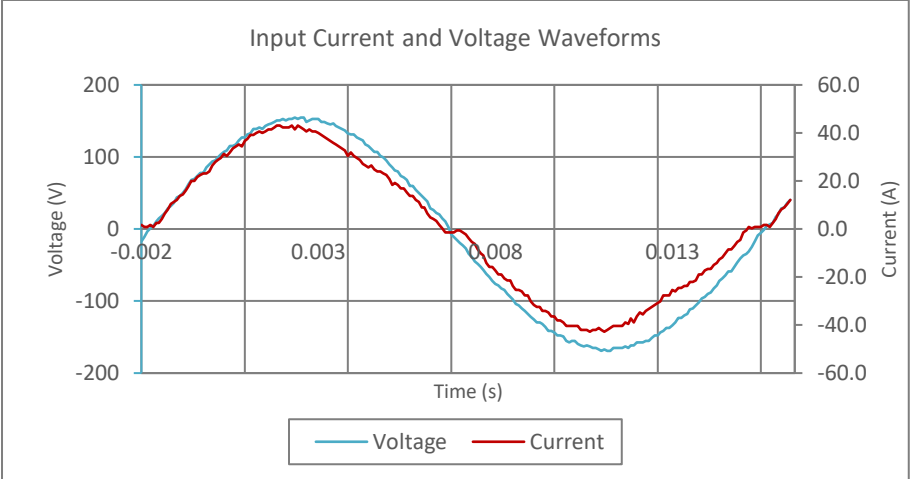
TYPICAL EFFICIENCY (50% Load):	92.73%
AVERAGE EFFICIENCY :	91.81%
80 PLUS COMPLIANT:	YES



ID Number	6039
Manufacturer	CHINA GREATWALL TECHNOLOGY GROUP CO., LTD
Model Number	GW-V600
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	8/4/20

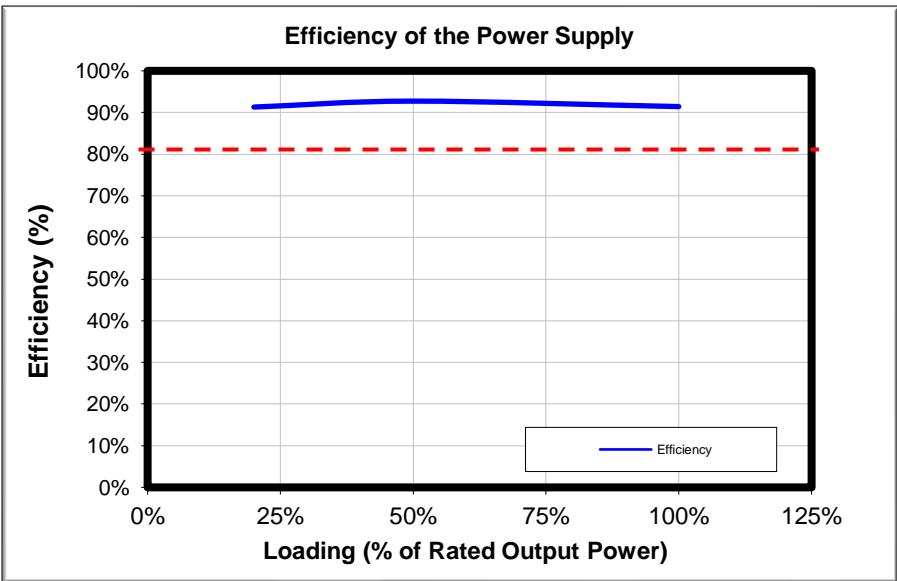
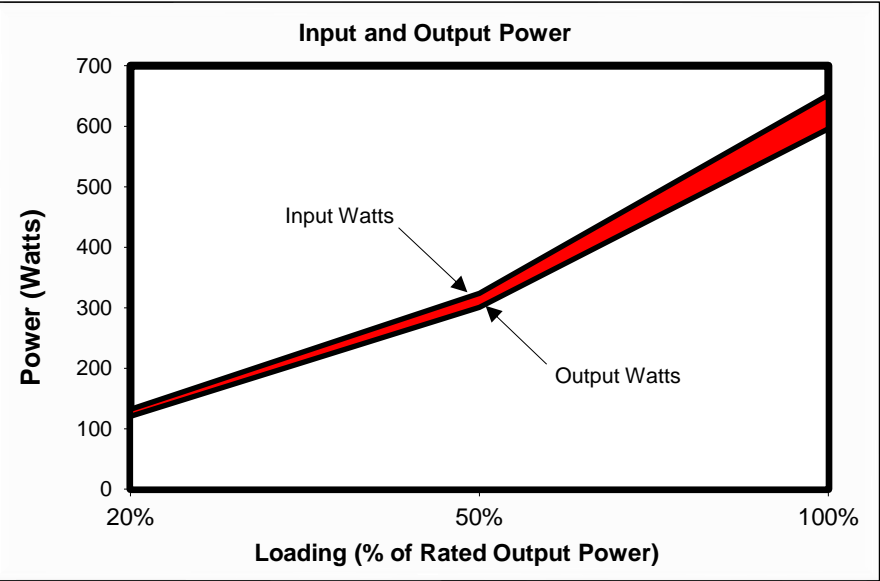
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	47-63	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 7.27%, 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		
0.67	0.90	24.90%	10%	69.11	12.02/4.22	12.13/0.03	3.33/1.01	5.08/1.01	5.06/0.21	60.59	87.67%
1.19	0.96	11.86%	20%	132.20	12.01/8.41	12.14/0.05	3.32/2.02	5.07/2.01	5.04/0.42	120.70	91.30%
2.85	0.99	7.27%	50%	323.90	11.99/21.04	12.16/0.13	3.31/5.04	4.92/5.01	5/1.05	300.35	92.73%
5.71	0.99	8.68%	100%	651.60	11.94/42.03	12.19/0.25	3.27/10.1	4.72/9.99	4.95/2.09	595.65	91.41%



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/>

