

# 80 PLUS Verification and Testing Report

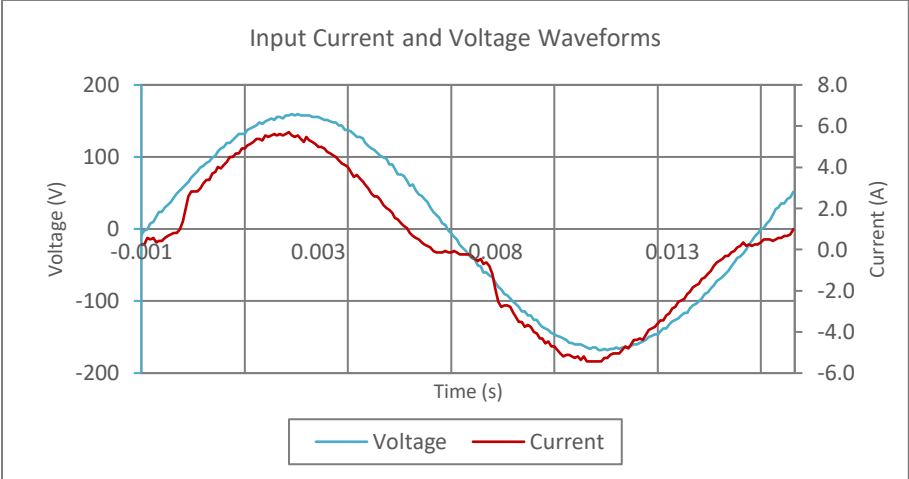
TYPICAL EFFICIENCY (50% Load):	88.86%
AVERAGE EFFICIENCY :	86.50%
80 PLUS COMPLIANT:	YES



ID Number	6535
Manufacturer	China Greatwall Technology Group Co., Ltd.
Model Number	GW-TF700(85+)
Serial Number	N/A
Year	2021
Type	SFX
Test Date	4/12/21

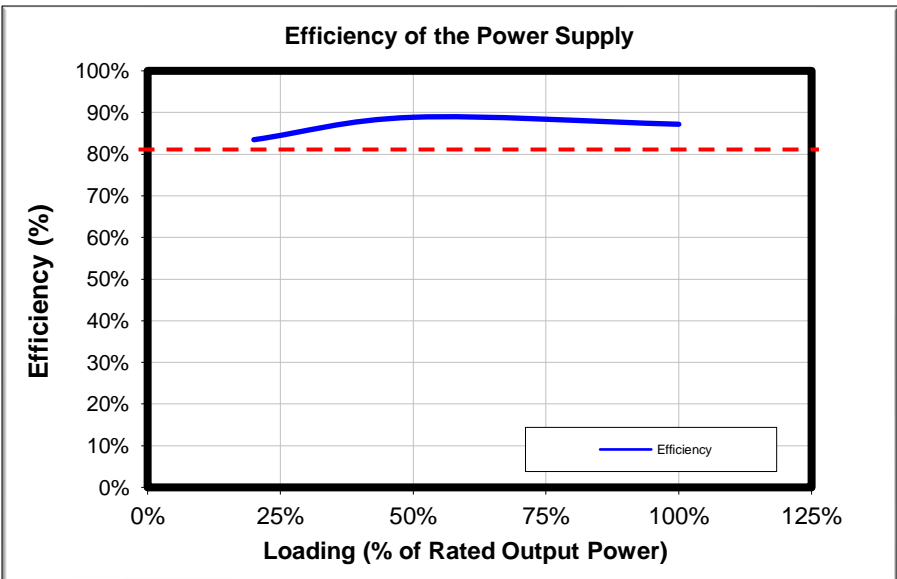
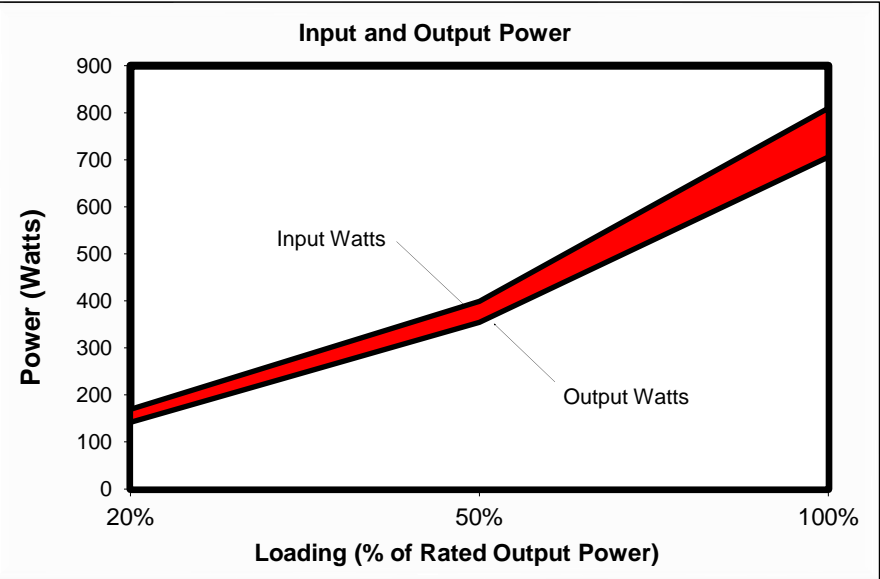
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	60/50	Hz
Rated Output Power	700	Watts

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



Input AC Current Waveform (ITHD = 15.94%, 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		
0.86	0.97	22.29%	10%	94.90	12.11/4.89	12.03/0.03	3.36/1.21	5.03/1.21	5.04/0.21	70.78	74.59%
1.51	0.97	20.00%	20%	169.50	12.11/9.79	12.04/0.05	3.35/2.42	5.03/2.41	5.04/0.42	141.48	83.47%
3.54	0.98	15.94%	50%	398.60	12.11/24.54	12.04/0.13	3.33/6.06	5.02/6	5.03/1.05	354.19	88.86%
7.11	0.99	10.84%	100%	809.60	12.08/49.06	12.04/0.25	3.3/12.11	5/11.98	5/2.09	705.81	87.18%



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/>