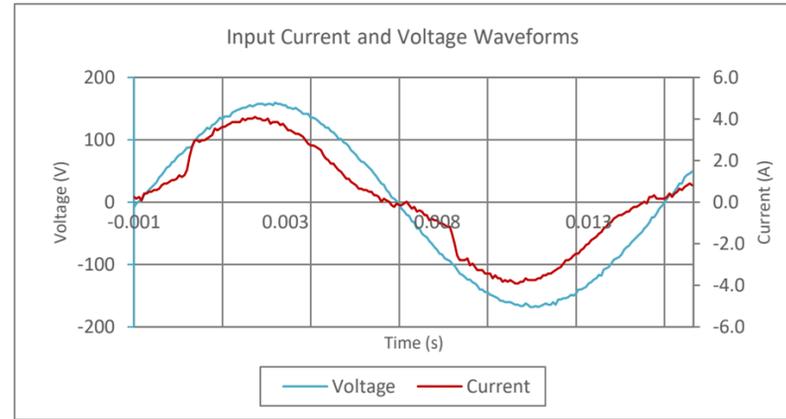


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>89.20%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>87.33%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	6534
<b>Manufacturer</b>	China Greatwall Technology Group Co., Ltd.
<b>Model Number</b>	GW-TF500(85+)
<b>Serial Number</b>	N/A
<b>Year</b>	2021
<b>Type</b>	SFX
<b>Test Date</b>	4/12/21

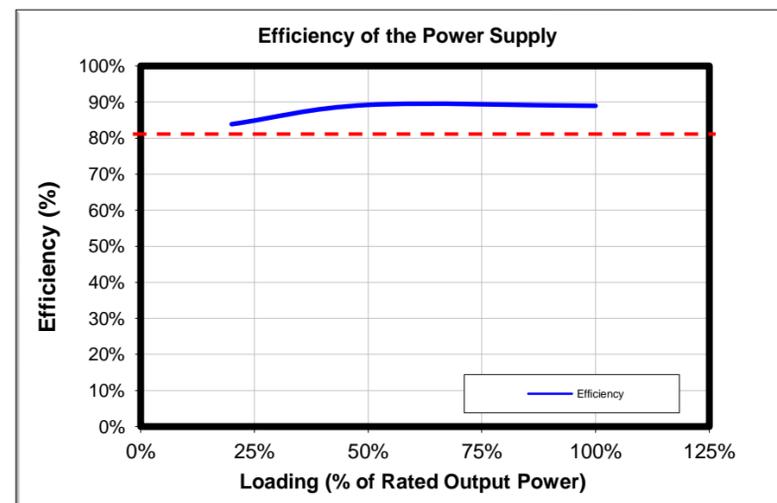
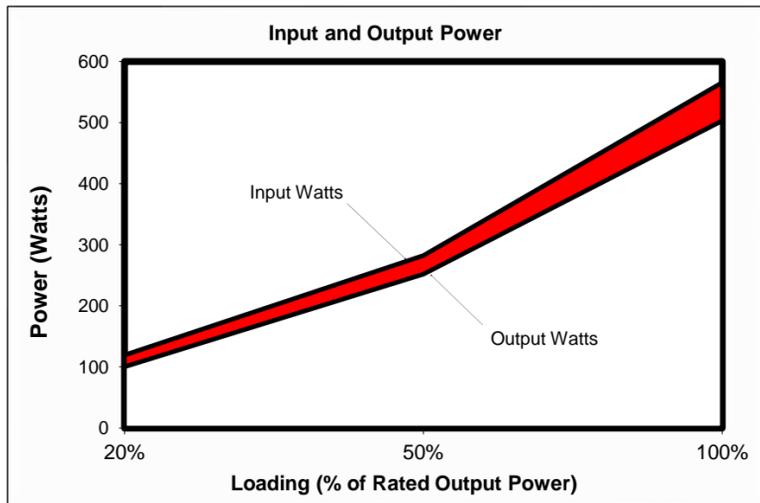


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	60/50	Hz
<b>Rated Output Power</b>	<b>500</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 18.55%, 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		
0.61	0.96	24.57%	10%	66.60	12.01/3.29	11.95/0.02	3.34/1.14	5.05/1.14	5.07/0.2	50.39	75.67%
1.07	0.97	19.91%	20%	119.70	12.02/6.56	11.95/0.05	3.34/2.27	5.05/2.26	5.06/0.39	100.37	83.85%
2.51	0.98	18.55%	50%	282.10	12.02/16.47	11.95/0.12	3.33/5.68	5.04/5.63	5.05/0.98	251.64	89.20%
4.98	0.99	13.14%	100%	565.50	12.04/32.91	11.96/0.24	3.31/11.38	5.02/11.25	5.03/1.96	503.00	88.95%



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/>