

80 PLUS Verification and Testing Report

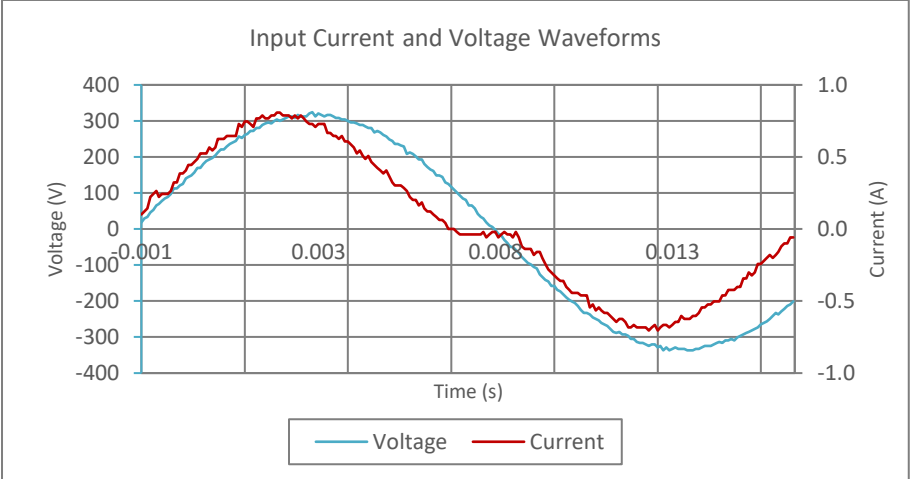
TYPICAL EFFICIENCY (50% Load):	90.56%
AVERAGE EFFICIENCY :	88.45%
80 PLUS COMPLIANT:	YES



ID Number	EU-841
Manufacturer	CHINA GREATWALL TECHNOLOGY GROUP CO., LTD.
Model Number	GW-FLX180L
Serial Number	N/A
Year	2021
Type	FLX
Test Date	5/10/21

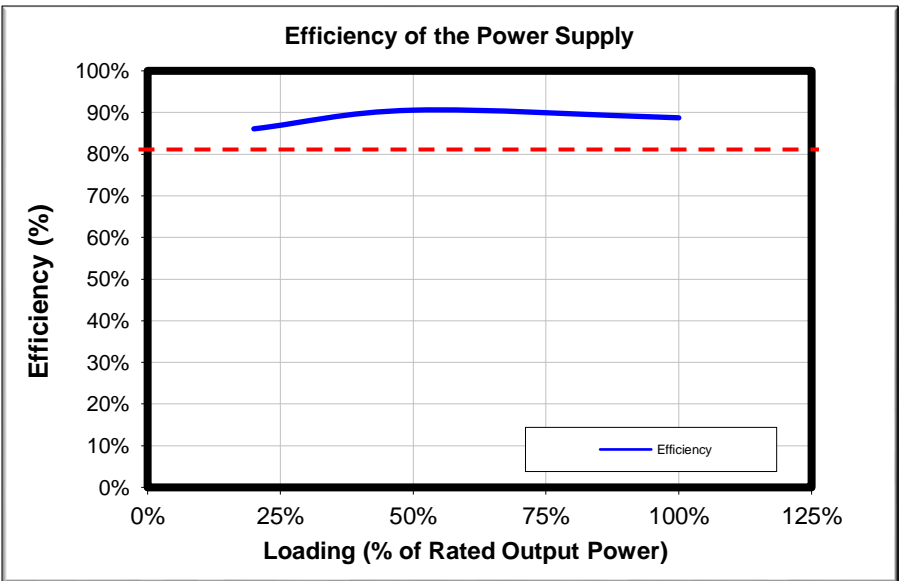
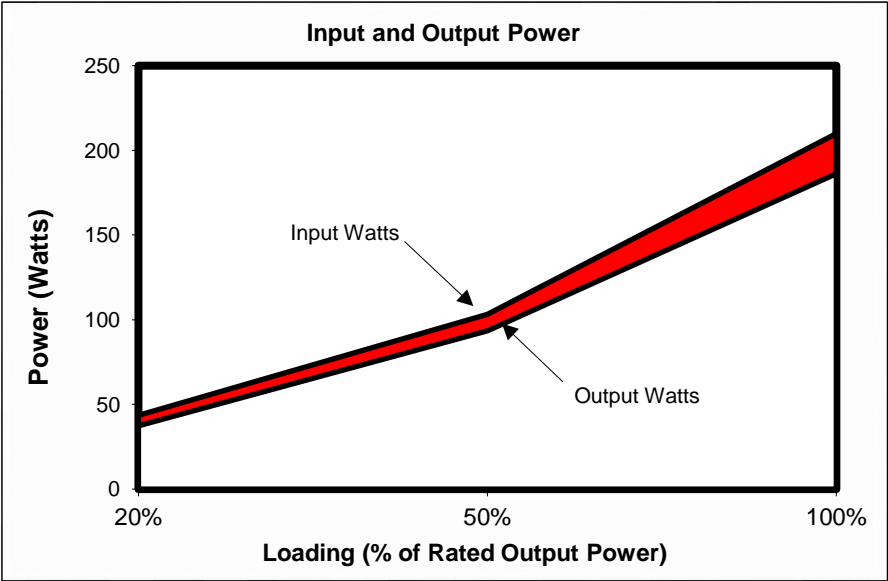
Rated Specifications	Value	Units
Input Voltage	220	Volts
Input Current	3	Amps
Input Frequency	50/60	Hz
Rated Output Power	180	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 18.9%, 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.)	5Vsb		
0.13	0.78	34.25%	10%	23.90	12.45/1.42	5.06/0.19	18.69	78.21%
0.22	0.88	27.73%	20%	43.45	12.45/2.85	5.05/0.38	37.40	86.07%
0.47	0.95	18.90%	50%	103.14	12.42/7.14	5.01/0.95	93.40	90.56%
0.93	0.98	14.01%	100%	209.90	12.38/14.29	4.93/1.89	186.22	88.72%



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/>