

80 PLUS Verification and Testing Report

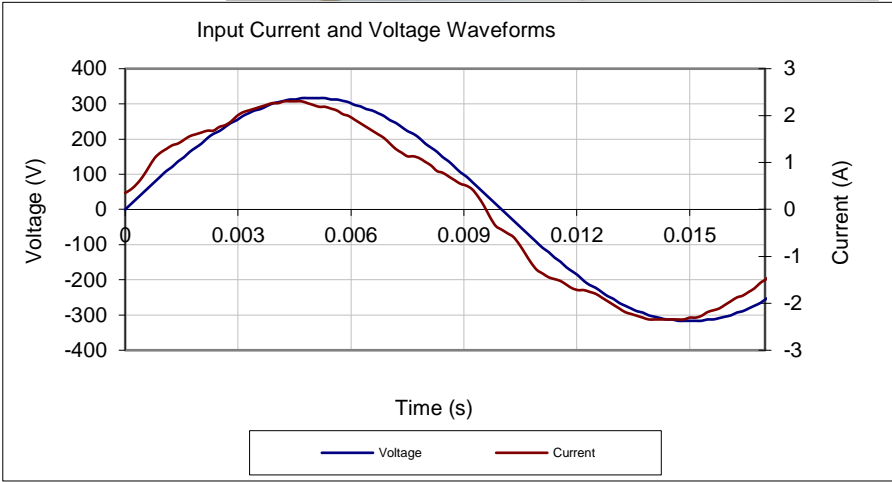
TYPICAL EFFICIENCY (50% Load):	96.30%
AVERAGE EFFICIENCY :	95.55%
80 PLUS COMPLIANT:	YES



ID Number	EU-283
Manufacturer	Shenzhen Guishan Tech. Co.,Ltd.
Model Number	GSSR700-12A
Serial Number	A161207011
Year	2017
Type	CUSTOM
Test Date	1/31/17

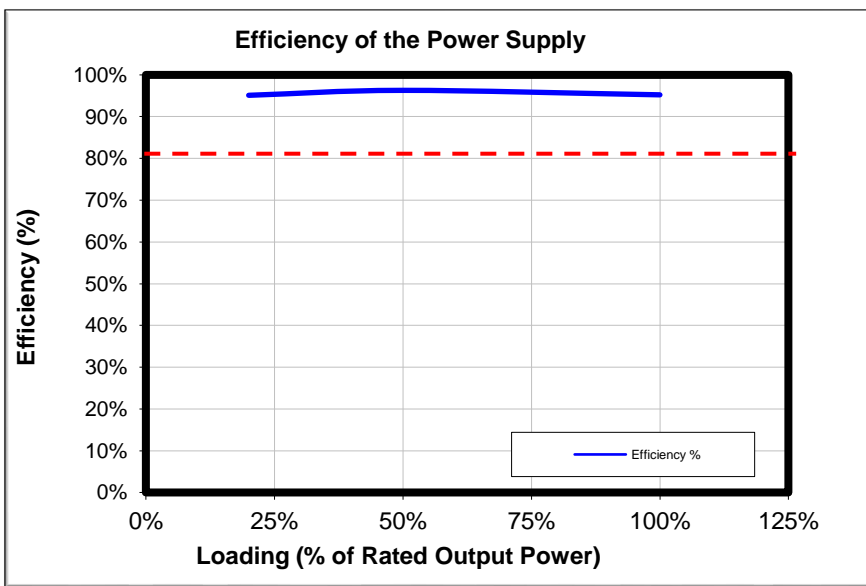
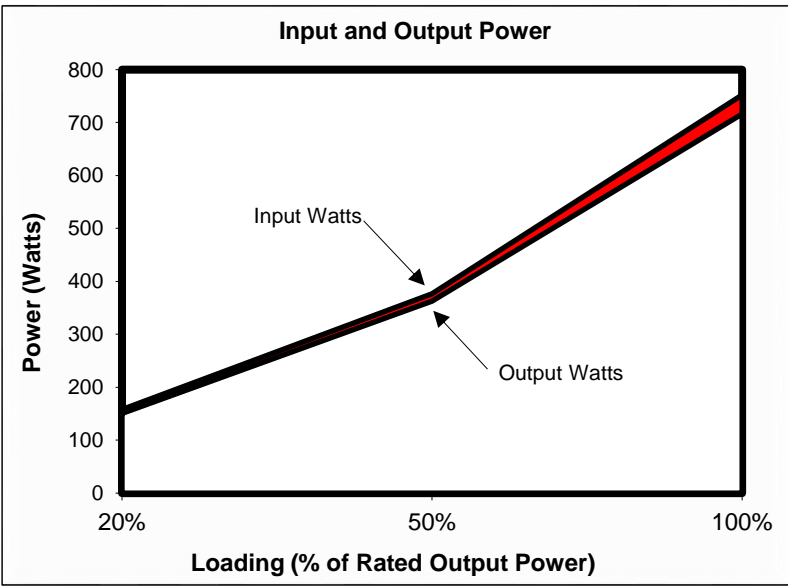
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8.9-4.5	Amps
Input Frequency	50/60	Hz
Rated Output Power	700	Watts

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



Input AC Current Waveform (ITHD = 9.16%, 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.)	5Vsb		
0.60	0.61	24.70%	10%	83.95	12.15/5.77	5.04/0.2	78.82	93.89%
0.85	0.81	18.10%	20%	157.89	12.14/11.56	5.02/0.4	150.17	95.11%
1.73	0.95	9.16%	50%	376.80	12.14/28.84	4.99/0.99	362.85	96.30%
3.34	0.98	9.02%	100%	752.20	12.13/57.6	4.83/1.98	716.31	95.23%



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/>

