

80 PLUS Verification and Testing Report

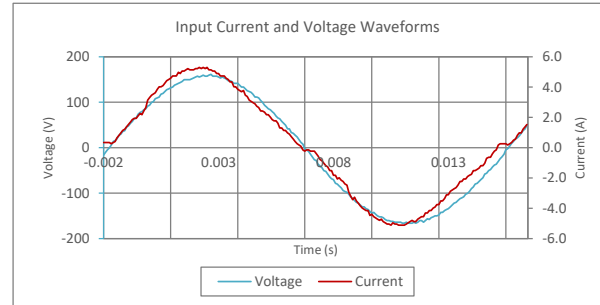
TYPICAL EFFICIENCY (50% Load):	91.21%
AVERAGE EFFICIENCY :	89.88%
80 PLUS COMPLIANT:	YES



ID Number	6283
Manufacturer	SilverStone Technology Co., Ltd.
Model Number	SST-TX700-G
Serial Number	N/A
Year	2021
Type	TFX
Test Date	1/8/21

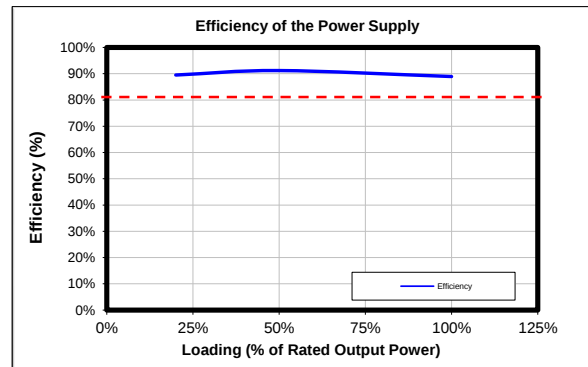
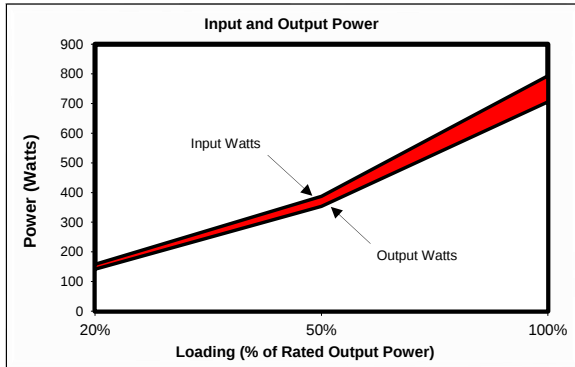
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	700	Watts

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



Input AC Current Waveform (I_{THD} = 10.14%, 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		
0.75	0.97	14.04%	10%	83.40	11.98/4.89	11.92/0.03	3.31/1.21	5.05/1.21	5.05/0.21	70.16	84.12%
1.39	0.99	11.07%	20%	157.77	12.08/9.79	11.99/0.05	3.31/2.42	5.05/2.41	5.04/0.42	141.21	89.51%
3.39	0.99	10.14%	50%	387.20	12.06/24.54	12.03/0.13	3.31/6.08	5.05/6.01	5.03/1.05	353.17	91.21%
6.94	0.99	8.47%	100%	793.40	12.06/49.03	12.57/0.25	3.31/12.12	5.05/11.99	5/2.09	705.58	88.93%



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/>