

## 80 PLUS Verification and Testing Report

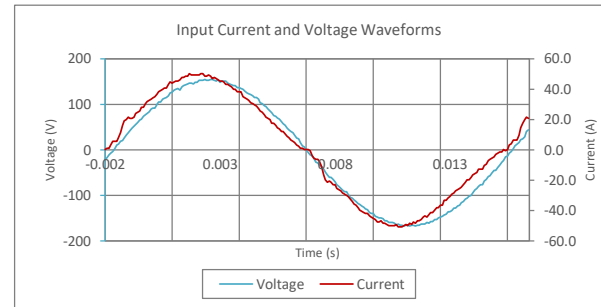
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>90.76%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>89.68%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	5919
<b>Manufacturer</b>	SilverStone Technology Co., Ltd.
<b>Model Number</b>	SST-ET700-MG
<b>Serial Number</b>	N/A
<b>Year</b>	2020
<b>Type</b>	ATX12V, PS2
<b>Test Date</b>	3/11/20

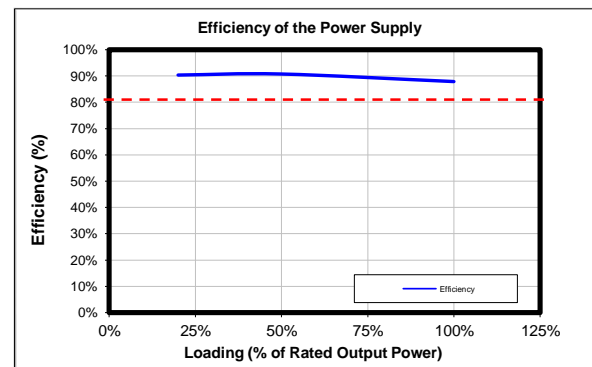
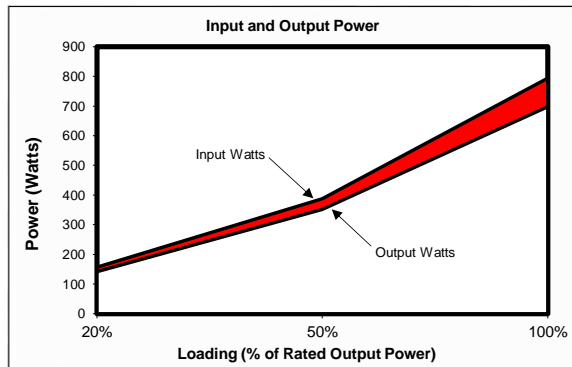
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>700</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 6.61%, 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		
0.73	0.96	14.38%	10%	80.76	12.08/5	11.9/0.03	3.33/1.04	5.05/1.04	5.11/0.22	70.60	87.42%
1.39	0.98	11.99%	20%	156.39	12.06/10.05	11.96/0.05	3.32/2.08	5.04/2.07	5.09/0.43	141.33	90.37%
3.41	0.99	6.61%	50%	387.80	12.03/25.12	12.02/0.13	3.28/5.19	5/5.15	5.04/1.08	351.98	90.76%
6.94	1.00	5.58%	100%	794.00	11.95/50.17	12.47/0.26	3.22/10.4	4.94/10.29	4.94/2.15	697.86	87.89%



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/>

