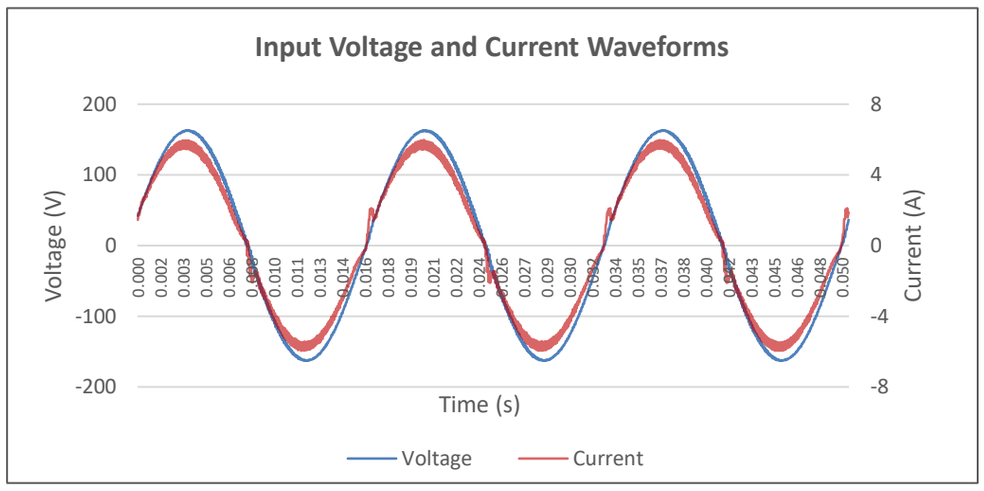
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**92.61%**
AVERAGE EFFICIENCY :	**89.20%**
80 PLUS COMPLIANT:	**Platinum**



ID Number	7360.1
Manufacturer	SilverStone Technology Inc.
Model Number	SST-AX0850MCPT-C
Serial Number	N/A
Type	ATX12V
Test Date	4/9/24

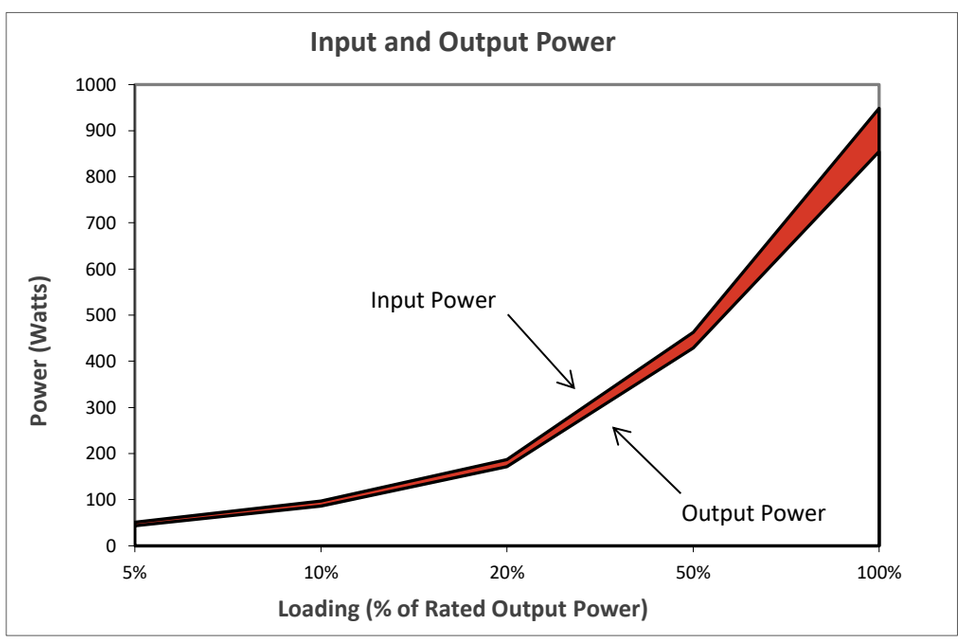


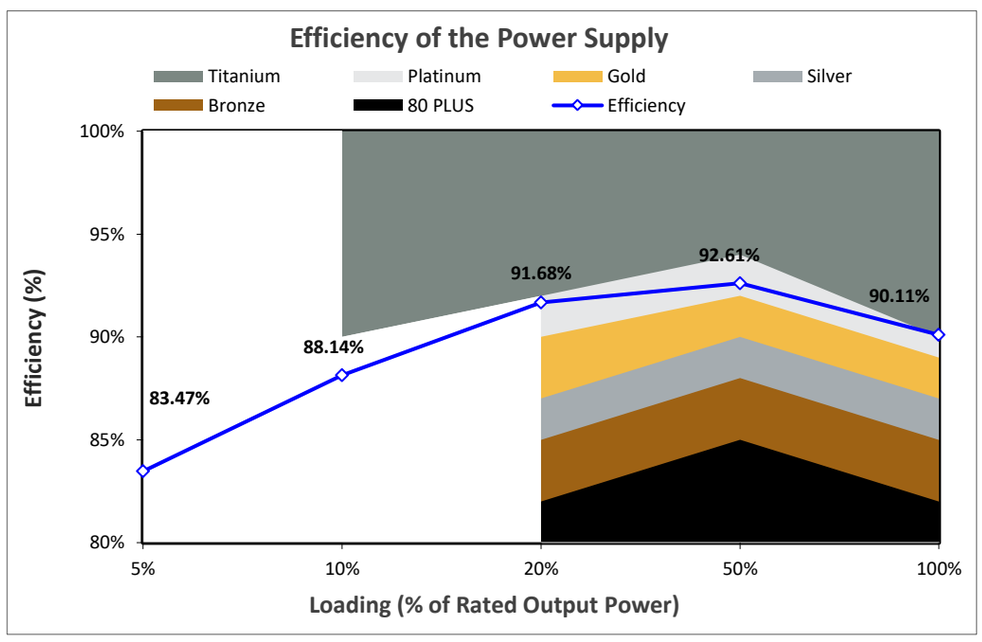
Input AC Current Waveform (ITHD = 4.27%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	**Volts**
Input Current	11-5.5	**Amps**
Input Frequency	60-50	**Hz**
Rated Output Power	850	**Watts**

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

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.)	-12V	3.3V	5V	5Vstb		
0.139	0.2494	15.96	0%	**3.99**	**No-Load**						
0.482	**0.9288**	16.78	5%	**51.44**	12.1/3.11	12/0.013	3.36/0.53	5.14/0.53	5.11/0.132	**42.94**	**83.47%**
0.865	**0.9794**	12.37	10%	**97.39**	12.09/6.22	12.03/0.026	3.36/1.06	5.14/1.06	5.11/0.263	**85.84**	**88.14%**
1.681	**0.9673**	12.69	20%	**187.07**	12.08/12.43	12.07/0.053	3.35/2.12	5.13/2.12	5.1/0.527	**171.50**	**91.68%**
4.036	**0.9965**	4.27	50%	**462.67**	12.08/31.08	12.22/0.132	3.33/5.29	5.1/5.29	5.08/1.317	**428.49**	**92.61%**
8.265	**0.9978**	5.12	100%	**948.57**	12.06/62.16	12.45/0.263	3.29/10.58	5.06/10.58	5.04/2.633	**854.78**	**90.11%**





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/