80 PLUS Verification and Testing Report

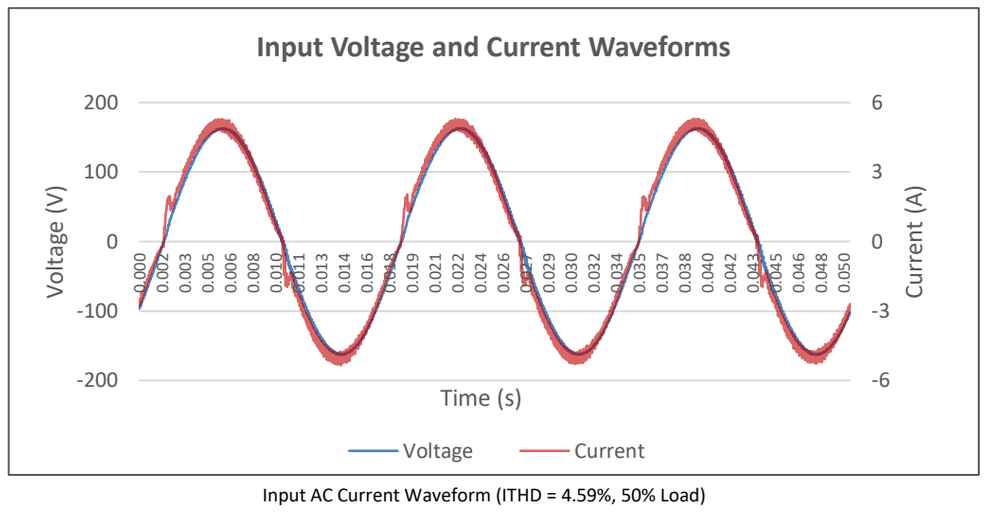
TYPICAL EFFICIENCY (50% Load):	**92.60%**
AVERAGE EFFICIENCY :	**88.91%**
80 PLUS COMPLIANT:	**Platinum**



ID Number	7389
Manufacturer	SilverStone Technology Inc.
Model Number	SST-AX0750MCPT-C
Serial Number	ATX5975SAng 2413002
Type	ATX12V
Test Date	5/1/24

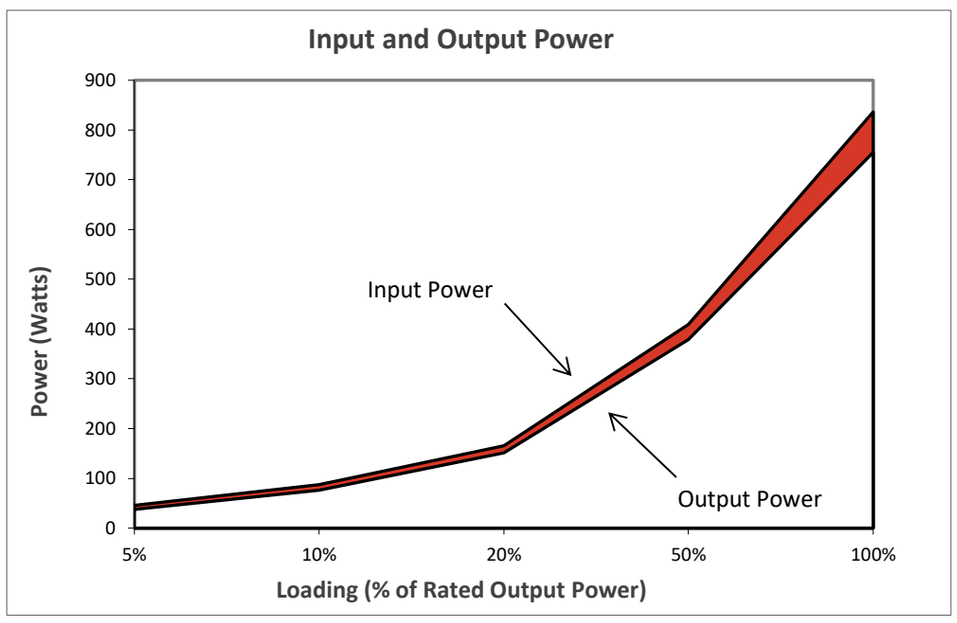
Rated Specifications	Value	Units
Input Voltage	100-240	**Volts**
Input Current	10-5.0	**Amps**
Input Frequency	60-50	**Hz**
Rated Output Power	750	**Watts**

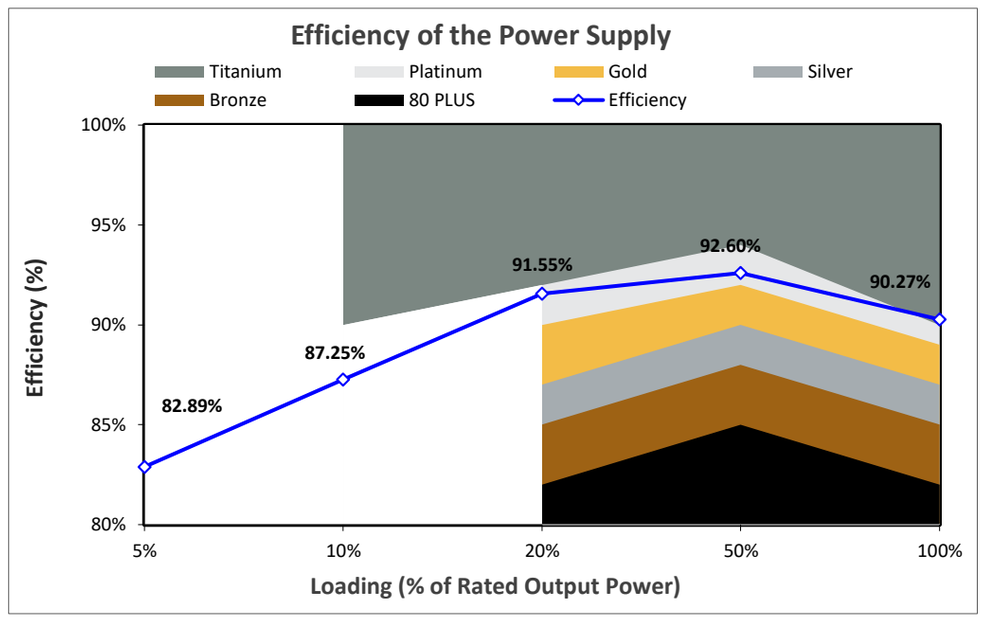
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 4.59%, 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.)	-12V	3.3V	5V	5Vstb		
0.142	0.2545	15.91	0%	4.15	No-Load						
0.462	**0.8625**	12.68	5%	45.83	12.13/2.7	12.07/0.013	3.37/0.52	5.15/0.52	5.12/0.13	37.99	**82.89%**
0.781	**0.9692**	13.70	10%	87.06	12.13/5.4	12.09/0.026	3.37/1.04	5.14/1.04	5.11/0.259	75.96	**87.25%**
1.487	**0.9696**	12.79	20%	165.79	12.12/10.79	12.12/0.052	3.36/2.08	5.13/2.08	5.1/0.518	151.78	**91.55%**
3.571	**0.9955**	4.59	50%	408.99	12.11/26.99	12.24/0.13	3.33/5.2	5.1/5.2	5.06/1.295	378.72	**92.60%**
7.285	**0.9978**	5.13	100%	836.32	12.09/53.97	12.44/0.259	3.28/10.4	5.06/10.4	5/2.59	754.97	**90.27%**





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/*