

80 PLUS Verification and Testing Report

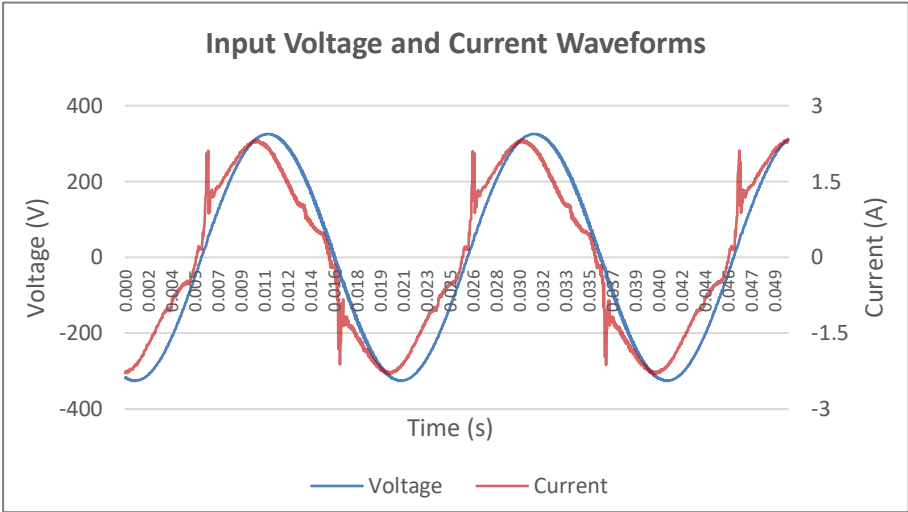
TYPICAL EFFICIENCY (50% Load):	88.20%
AVERAGE EFFICIENCY :	83.89%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-948.1
Manufacturer	dark Flash
Model Number	SVT600SD
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	5/8/23

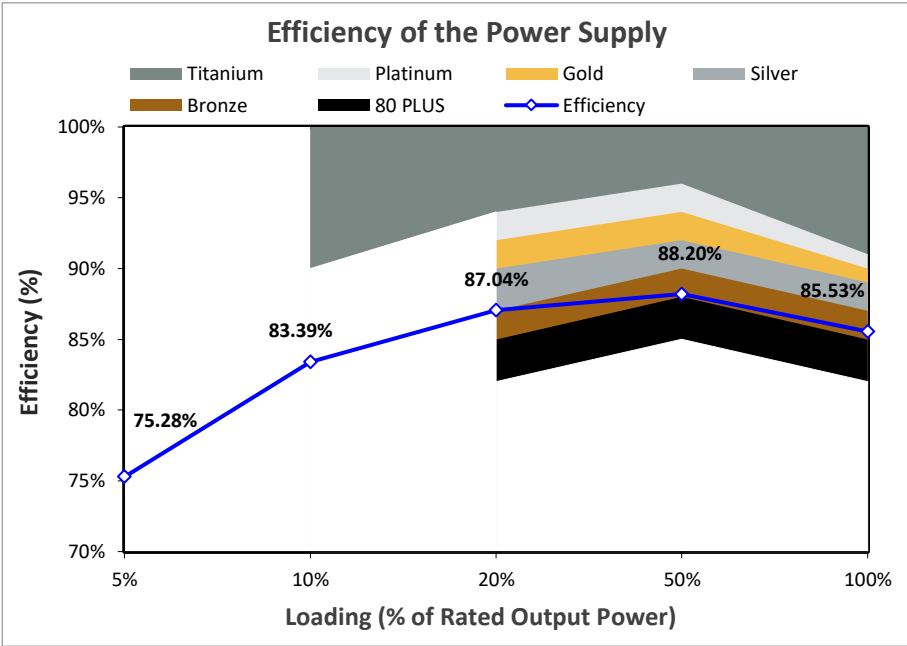
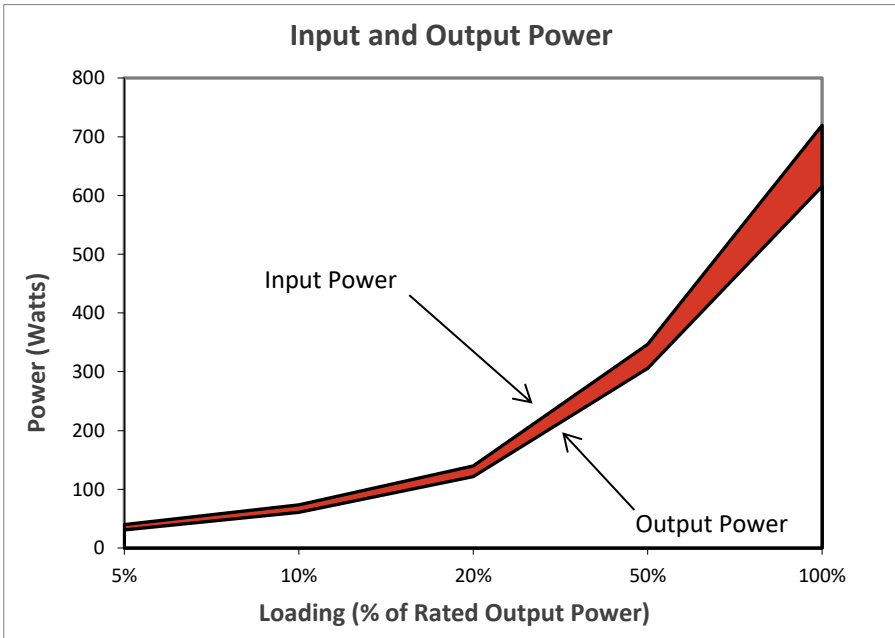
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	5	Amps
Input Frequency	50	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 12.73%, 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		
0.156	0.0947	21.60	0%	3.39	No-Load						
0.301	0.5806	55.46	5%	40.20	12.01/2.06	11.28/0.01	3.43/0.55	5.15/0.55	5.09/0.14	30.26	75.28%
0.523	0.6070	33.73	10%	73.04	12.11/4.11	11.3/0.03	3.43/1.1	5.13/1.1	5.08/0.27	60.91	83.39%
0.723	0.8380	31.16	20%	139.39	12.06/8.22	11.37/0.06	3.43/2.2	5.12/2.19	5.06/0.55	121.32	87.04%
1.569	0.9596	12.73	50%	346.19	12.16/20.61	11.52/0.14	3.42/5.48	5.08/5.44	5/1.37	305.34	88.20%
3.185	0.9824	9.70	100%	719.46	12.34/41.12	11.82/0.27	3.43/10.95	5.01/10.87	4.89/2.73	615.38	85.53%



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/>