

80 PLUS Verification and Testing Report

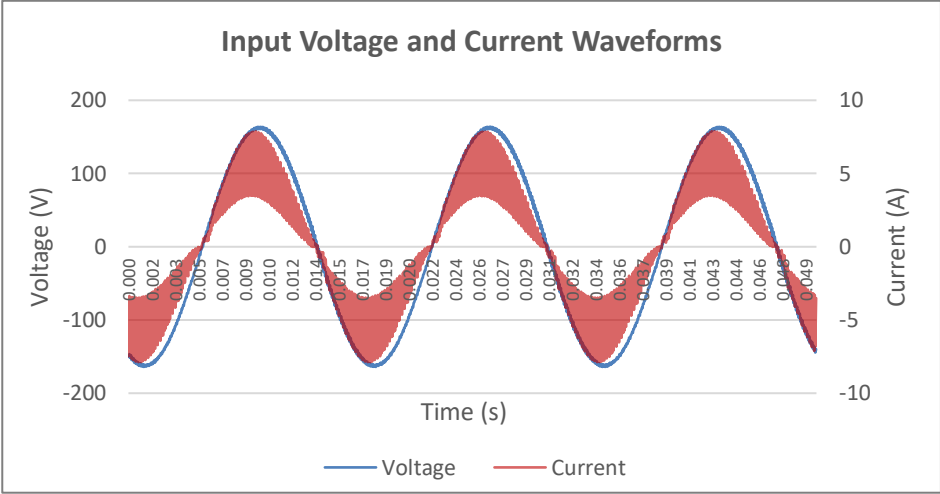
TYPICAL EFFICIENCY (50% Load):	86.83%
AVERAGE EFFICIENCY :	82.13%
80 PLUS COMPLIANT:	Bronze



ID Number	7264.3
Manufacturer	Solarmax
Model Number	KC-CFA-750-80PB
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	1/8/24

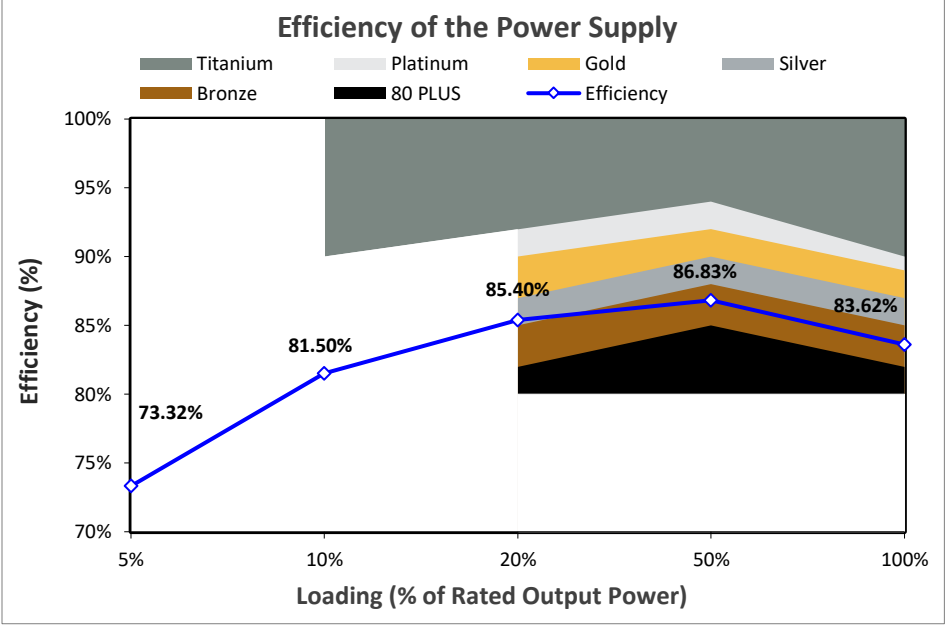
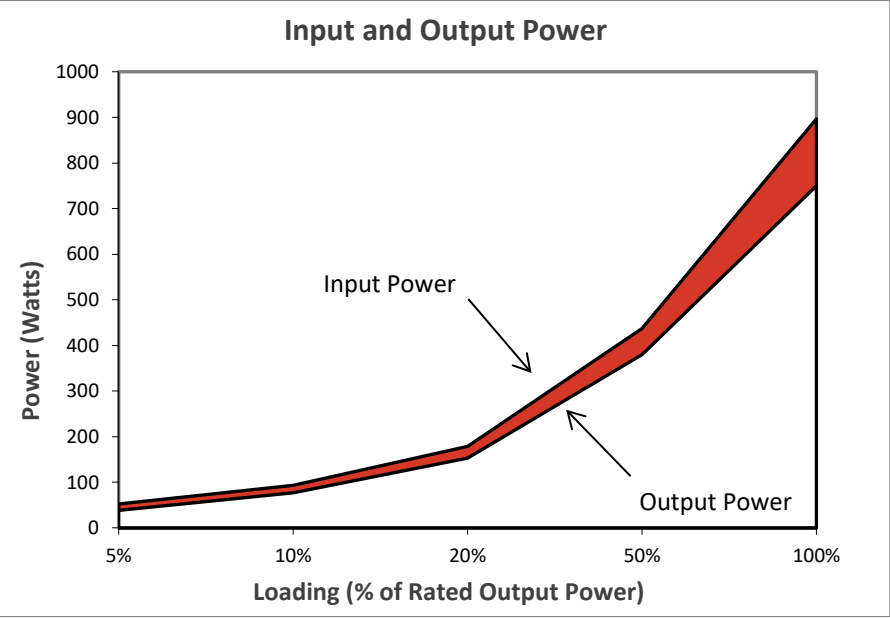
Rated Specifications		Value	Units
Input Voltage		115/230	Volts
Input Current		8.5	Amps
Input Frequency		47-63	Hz
Rated Output Power		750	Watts

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



Input AC Current Waveform (ITHD = 7.09%, 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		
0.135	0.4416	34.33	0%	6.84	No-Load						
0.698	0.6494	21.81	5%	52.12	12.2/2.78	12.05/0.013	3.42/0.43	5.18/0.43	5.22/0.09	38.21	73.32%
1.065	0.7651	32.37	10%	93.71	12.19/5.55	12.05/0.027	3.41/0.86	5.17/0.86	5.2/0.179	76.37	81.50%
1.761	0.8820	14.41	20%	178.56	12.18/11.11	12.06/0.054	3.4/1.73	5.15/1.73	5.17/0.358	152.50	85.40%
3.977	0.9547	7.09	50%	436.61	12.12/27.76	12.09/0.134	3.35/4.32	5.09/4.32	5.09/0.895	379.09	86.83%
8.113	0.9614	5.80	100%	896.67	12.01/55.52	12.16/0.269	3.26/8.63	4.95/8.63	4.92/1.791	749.80	83.62%



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/>