

80 PLUS Verification and Testing Report

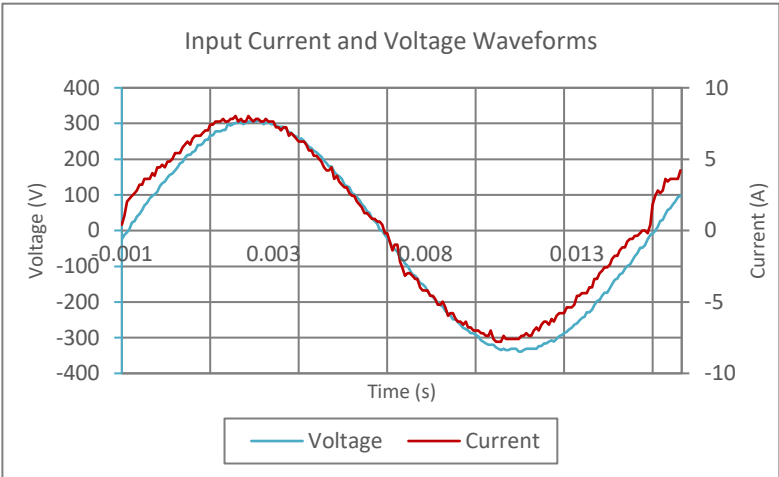
TYPICAL EFFICIENCY (50% Load):	96.15%
AVERAGE EFFICIENCY :	95.27%
80 PLUS COMPLIANT:	YES



ID Number	SO-1960
Manufacturer	Delta Electronics, Inc.
Model Number	TDPS-2400KB A
Serial Number	JJHT2136000089
Year	2021
Type	CUSTOM
Test Date	12/01/21

Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	16	Amps
Input Frequency	50-60	Hz
Rated Output Power	2,400	Watts

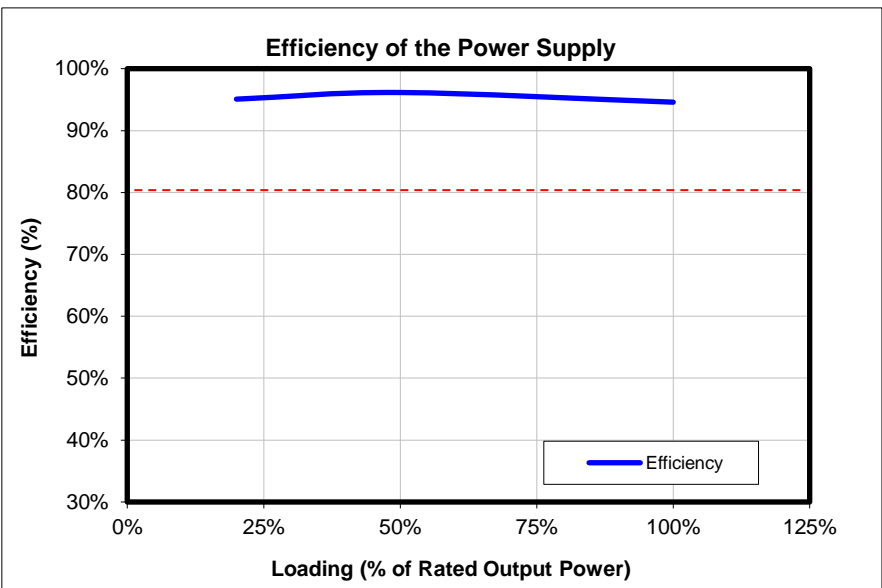
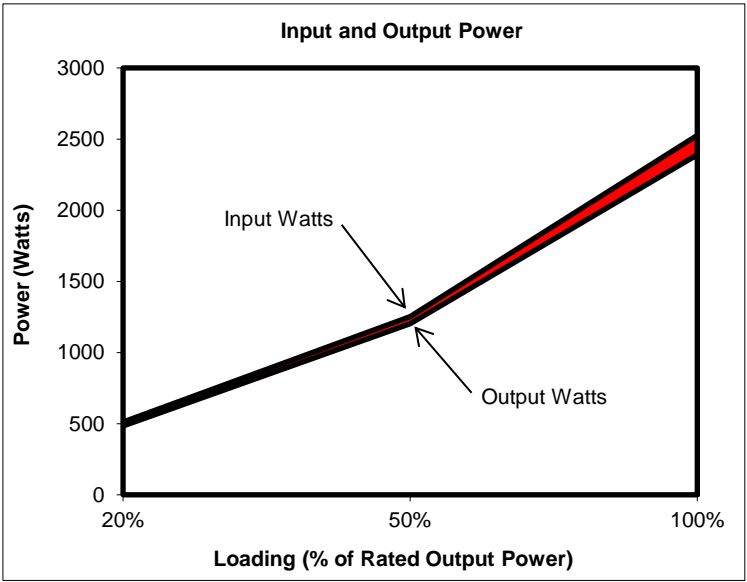
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 4.06%, 50% Load)

I _{RMS}	PF	I _{THD}	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency
							12.1V	12Vsb		
1.23	0.93	12.21%	10%	Low	263	40.92	12.23/19.83	12/0.05	243	92.61%
2.28	0.97	6.51%	20%	Light	510	41.04	12.2/39.66	12.2/0.1	485	95.07%
5.49	0.99	4.06%	50%	Typical	1251	40.92	12.1/99.15	11.99/0.25	1203	96.15%
11.01	1.00	2.40%	100%	Full	2526	40.44	12.02/198.28	11.98/0.5	2390	94.59%

* Fan power is not included in the efficiency calculations



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/>