

80 PLUS Verification and Testing Report

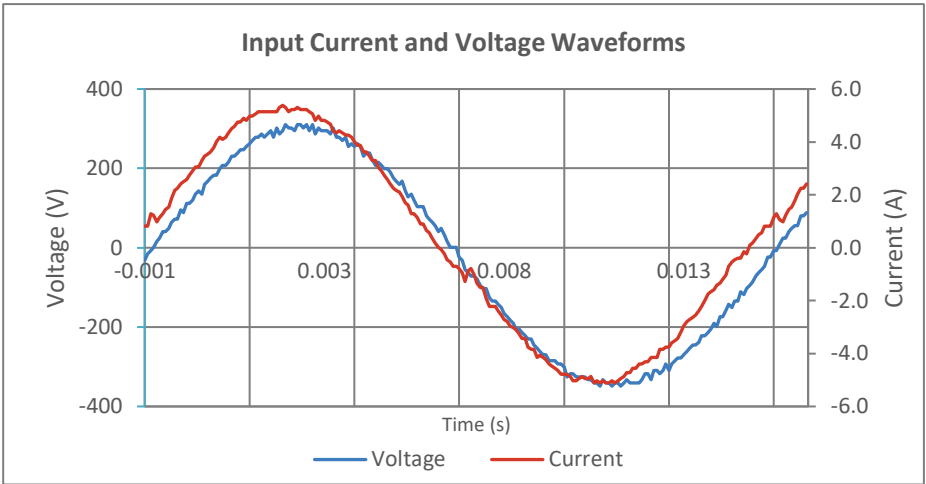
TYPICAL EFFICIENCY (50% Load):	94.25%
AVERAGE EFFICIENCY :	90.42%
80 PLUS COMPLIANT:	Platinum



ID Number	SO-1991.1
Manufacturer	Delta Electronics, Inc.
Model Number	TDP5-1500GB B
Serial Number	JJXT21500036
Year	2022
Type	2U
Test Date	3/17/22

Rated Specifications	Value	Units
Input Voltage	100-127/200-240	Volts
Input Current	15/10	Amps
Input Frequency	50/60	Hz
Rated Output Power	1500	Watts

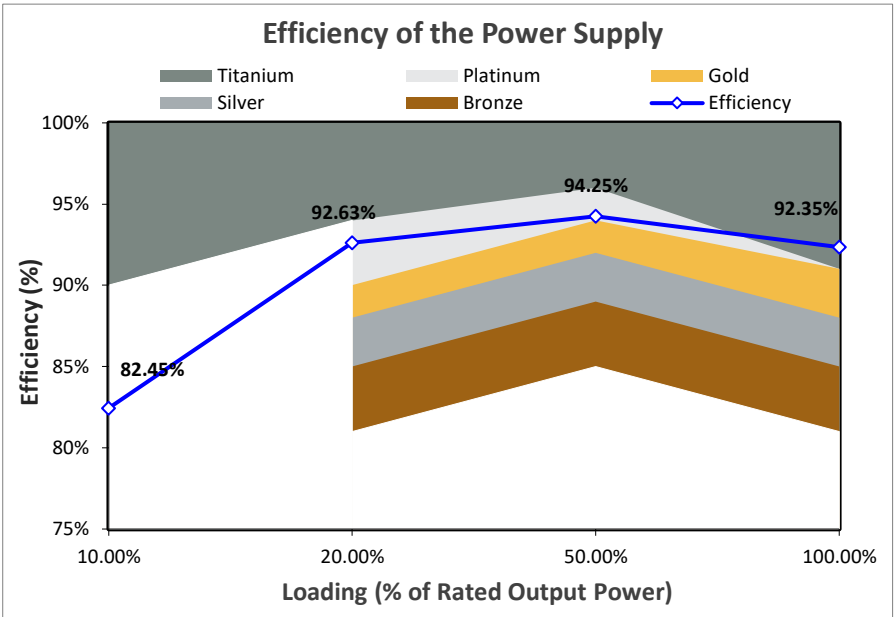
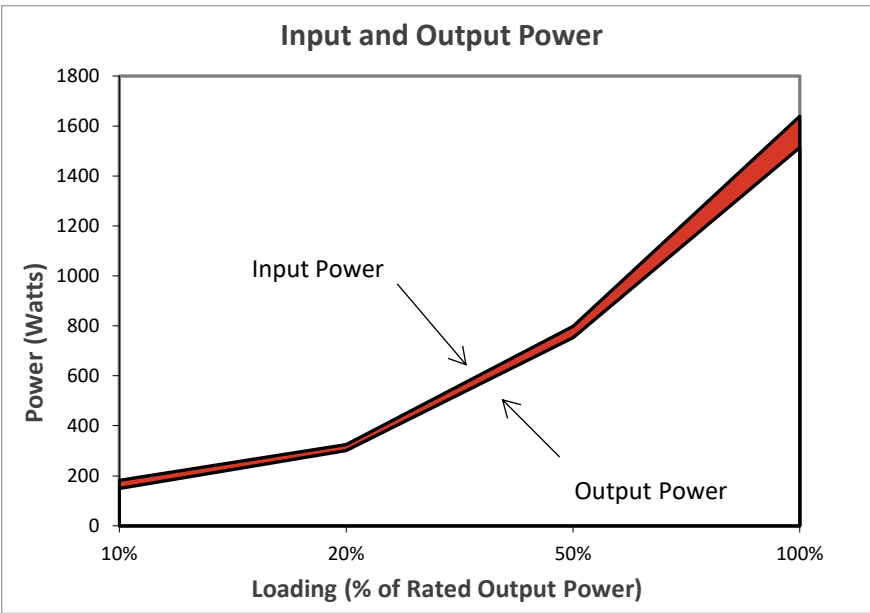
Note: All measurements were taken with input voltage at 230 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 5.07%, 50% Load)

I _{RMS}	PF	I _{THD}	Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)			Output Watts	Efficiency
						12.1V	5.1V	5Vsb		
0.929	0.8536	7.50%	10%	182.28	44.52	12.11/8.93	5.11/8.02	5.02/0.24	150.28	82.45%
1.510	0.9364	8.89%	20%	325.30	45.00	12.11/17.94	5.11/16	5.02/0.48	301.34	92.63%
3.519	0.9855	5.07%	50%	797.80	44.64	12.1/44.77	5.11/39.98	5/1.2	751.92	94.25%
7.144	0.9975	3.38%	100%	1638.80	44.88	12.09/89.08	5.11/83.05	4.98/2.4	1513.51	92.35%

* 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/>