

80 PLUS Verification and Testing Report

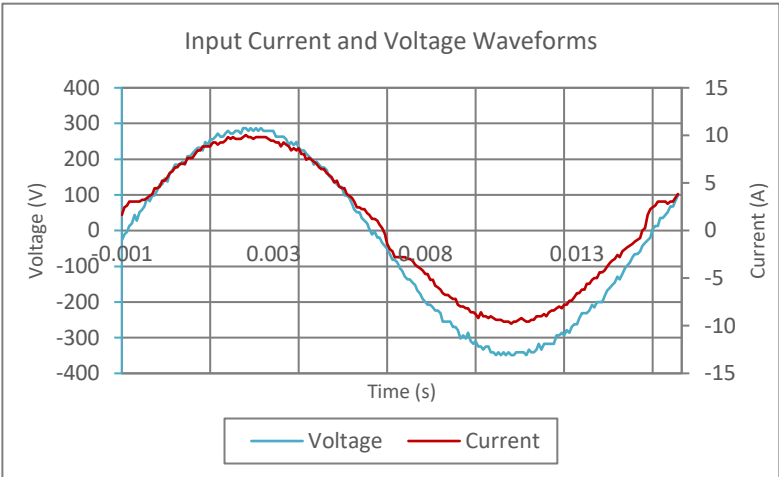
TYPICAL EFFICIENCY (50% Load):	96.01%
AVERAGE EFFICIENCY :	95.49%
80 PLUS COMPLIANT:	YES



ID Number	SO-1494
Manufacturer	Delta Electronics (Thailand) Public Co., Ltd.
Model Number	DTQ3000BW12AXX
Serial Number	DTHTAH1844001
Year	2019
Type	1U
Test Date	01/08/19

Rated Specifications	Value	Units
Input Voltage	100-120 / 200-240	Volts
Input Current	16	Amps
Input Frequency	50/60	Hz
Rated Output Power	3,000	Watts

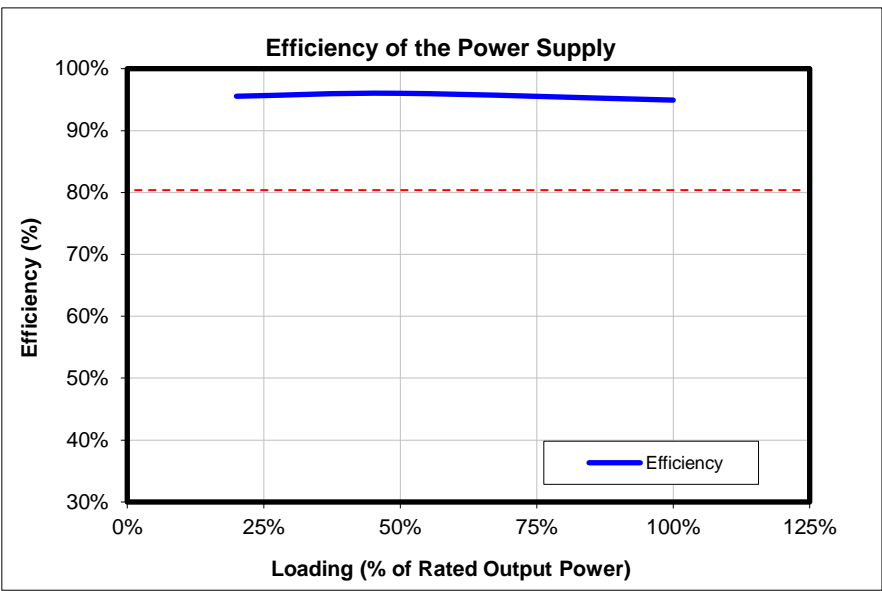
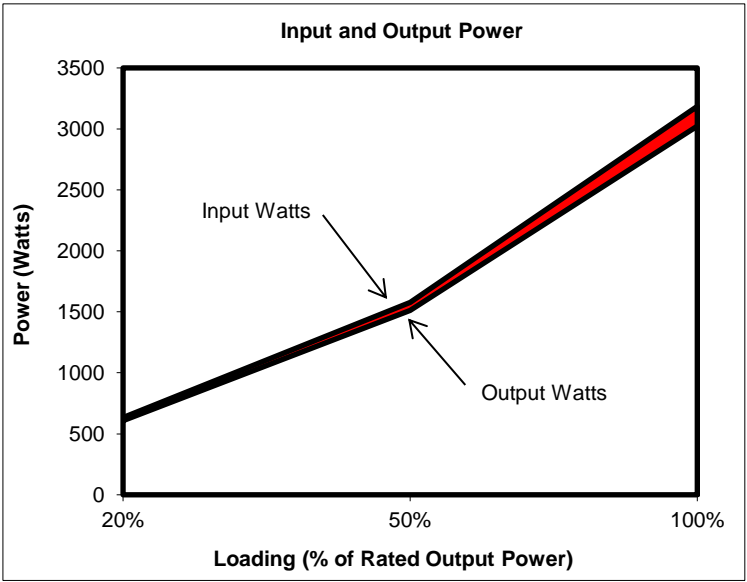
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.73%, 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
							12.3V	12Vsb		
1.45	0.98	7.32%	10%	Low	325	17.28	12.34/24.16	11.97/0.3	302	92.91%
2.79	0.99	11.51%	20%	Light	634	17.28	12.4/48.32	11.83/0.6	606	95.54%
6.86	1.00	3.73%	50%	Typical	1577	17.28	12.39/120.78	11.67/1.49	1514	96.01%
13.85	1.00	1.40%	100%	Full	3185	17.16	12.37/241.51	11.54/2.98	3023	94.91%

* 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/>

