

80 PLUS Verification and Testing Report

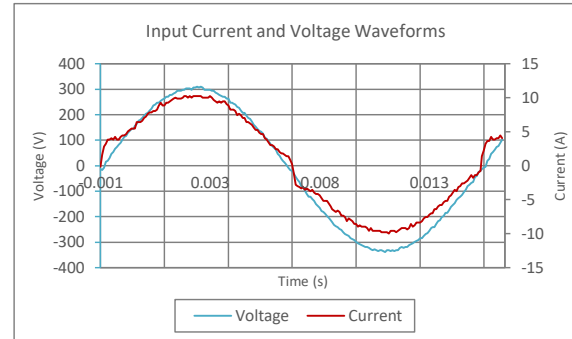
TYPICAL EFFICIENCY (50% Load):	96.13%
AVERAGE EFFICIENCY :	95.55%
80 PLUS COMPLIANT:	YES



ID Number	SO-1396.3
Manufacturer	Delta Electronic (Thailand) Public Co.,Ltd.
Model Number	DTQ3000AN54C33
Serial Number	DTHTC181001S
Year	2018
Type	1U
Test Date	05/04/18

Rated Specifications	Value	Units
Input Voltage	200-207 / 208-240	Volts
Input Current	16	Amps
Input Frequency	50-60	Hz
Rated Output Power	3,000	Watts

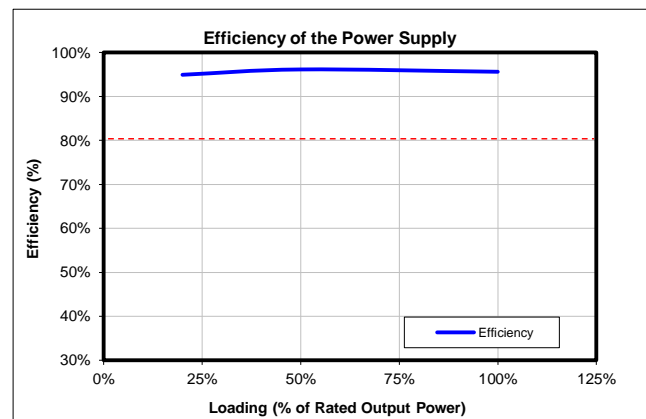
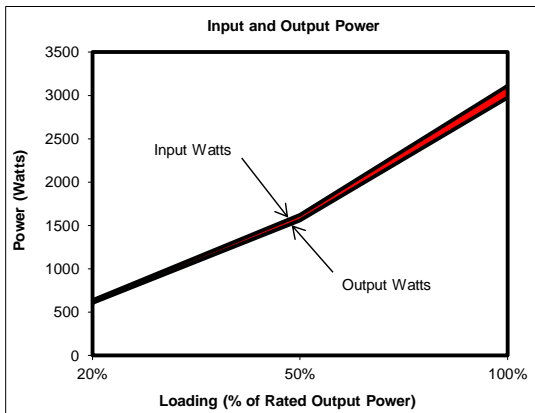
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 6.82%, 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
							54V	12Vsb		
1.48	0.97	11.17%	10%	Low	330	1.32	54.5/5.5	12.1/0.3	303	92.04%
2.81	0.99	11.62%	20%	Light	638	1.32	54.39/11.01	12.08/0.6	606	94.92%
7.07	1.00	6.82%	50%	Typical	1621	2.88	54/28.53	12.02/1.49	1558	96.13%
13.53	1.00	2.96%	100%	Full	3111	15.12	53.4/55.03	11.9/2.98	2974	95.60%

* 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/>

