

80 PLUS Verification and Testing Report

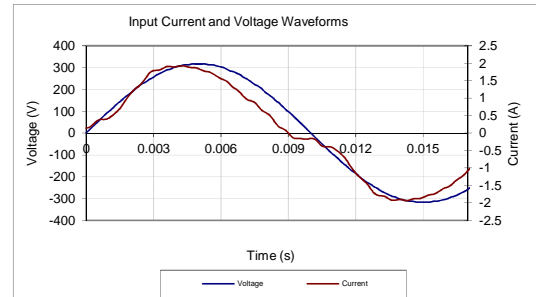
TYPICAL EFFICIENCY (50% Load):	88.70%
AVERAGE EFFICIENCY :	87.39%
80 PLUS COMPLIANT:	YES



Ecos ID #	EU-102
Manufacturer	Thermaltake Technology Co., Ltd.
Model Number	WLP-0500NPC
Serial Number	N/A
Year	2015
Type	ATX12V
Test Date	4/2/15

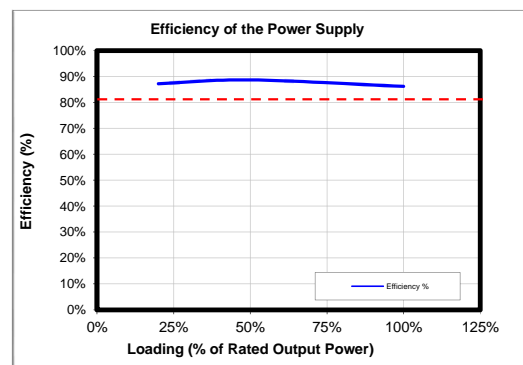
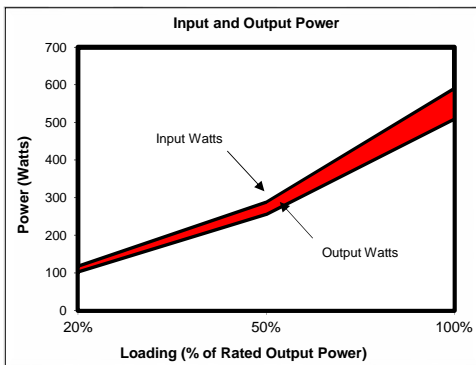
Rated Specifications	Value	Units
Input Voltage	220	Volts
Input Current	4	Amps
Input Frequency	47-63	Hz
Rated Output Power	500	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 15.68%, 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	5Vsb			
0.31	0.85	33.75%	10%	61.59	12.11/0.03	3.36/1.5	5.14/1.25	5.17/0.24	51.26	83.22%	
0.55	0.93	23.63%	20%	117.47	12.28/6.23	3.36/3	5.12/2.49	5.16/0.48	102.50	87.26%	
1.28	0.98	15.68%	50%	288.20	12.26/15.58	3.35/7.51	5.09/6.21	5.12/1.21	255.65	88.70%	
2.60	0.99	11.24%	100%	590.70	12.25/31.11	3.33/14.94	5.05/12.4	5.07/2.41	509.22	86.21%	



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/>

