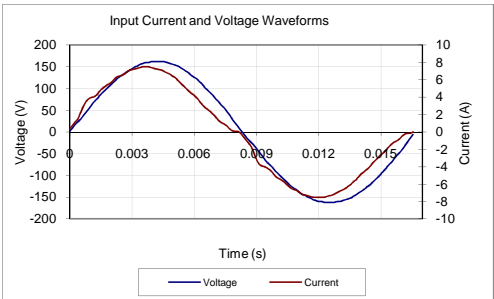


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.13%
AVERAGE EFFICIENCY :	89.74%
80 PLUS COMPLIANT:	YES



Ecos ID #	2482
Manufacturer	Thermaltake Technology Co., Ltd.
Model Number	TPG-1050M TP-1050AH3CSG
Serial Number	1012000112
Year	2011
Type	ATX12V,EPS12V
Test Date	3/14/2011

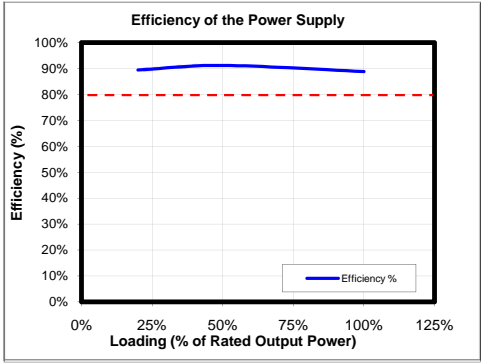
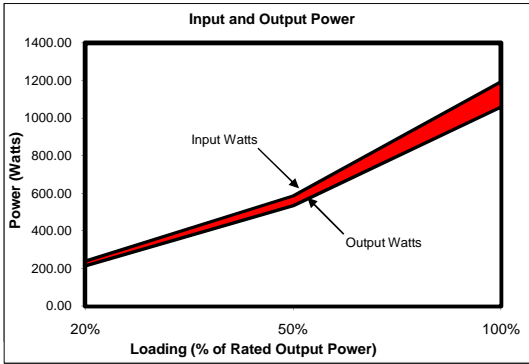


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>1050</b>	<b>Watts</b>

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.

Input AC Current Waveform (ITHD = 7.24%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
						12V (cumulative of 12V1, 12V2, etc.)						
2.22	0.94	17.84%	20%	Light	240.50	12.3/14.5					214.88	89.35%
5.19	0.98	7.24%	50%	Typical	587.10	12.2/36.3					535.00	91.13%
10.47	0.99	6.57%	100%	Full	1195.10	12.1/72.5					1060.51	88.74%



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/>

