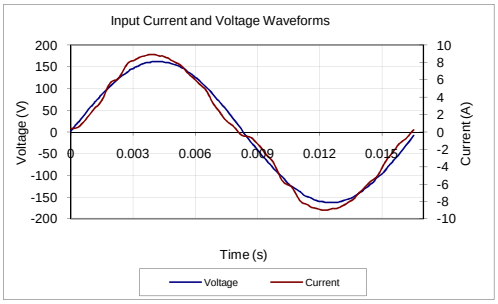
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**92.68%**
AVERAGE EFFICIENCY :	**91.24%**
80 PLUS COMPLIANT:	**YES**

Ecos ID #	2546
Manufacturer	Thermaltake Technology Co., Ltd.
Model Number	TPX-1275M TP-1275AH3CCP
Serial Number	N/A
Year	2011
Type	ATX12V, EPS12V
Test Date	5/12/2011

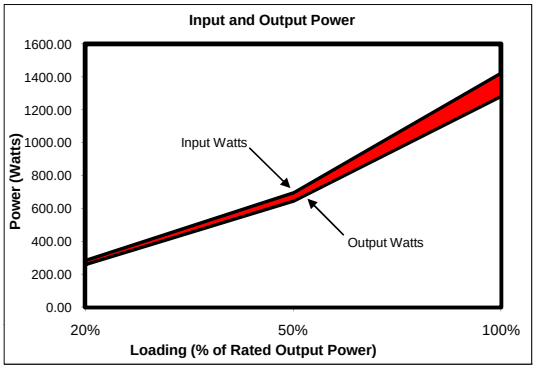
Rated Specifications	**Value**	**Units**
Input Voltage	100-240	Volts
Input Current	13	Amps
Input Frequency	47-63	Hz
Rated Output Power	**1275**	**Watts**

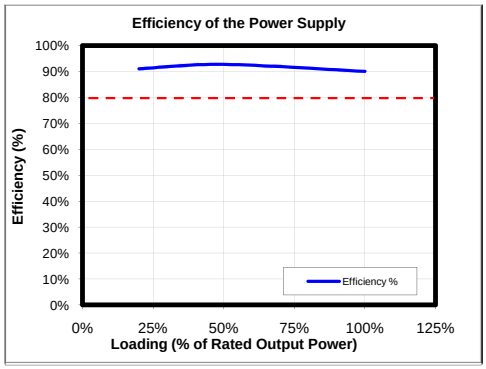
Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 10.41%, 50% Load)

I_{RMS} A	PF	I_{THD} (%)	Load (%)	Fraction of 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		
2.50	0.99	13.00%	20%	**Light**	284.40	12.1/18.8	12.1/0.1	3.3/3.1	5.1/3.1	5.1/0.7	258.92	**91.04%**
6.08	0.99	10.41%	50%	**Typical**	694.80	12.1/46.9	12/0.3	3.3/7.6	5.1/7.7	5/1.7	643.94	**92.68%**
12.42	1.00	7.66%	100%	**Full**	1423.70	12.1/93.6	12/0.7	3.3/15.2	5/15.3	5/3.4	1281.30	**90.00%**





PLUG LOAD solutions

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/*

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