

80 PLUS Verification and Testing Report

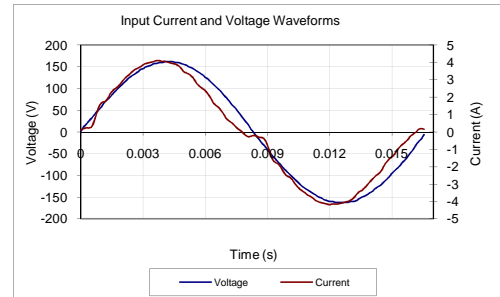
TYPICAL EFFICIENCY (50% Load):	84.60%
AVERAGE EFFICIENCY :	82.95%
80 PLUS COMPLIANT:	YES



Ecos ID #	2755
Manufacturer	Thermaltake Technology Co., Ltd.
Model Number	W0392RE TR2-530AH2NH
Serial Number	N/A
Year	2011
Type	ATX12V,EPS12V
Test Date	9/2/2011

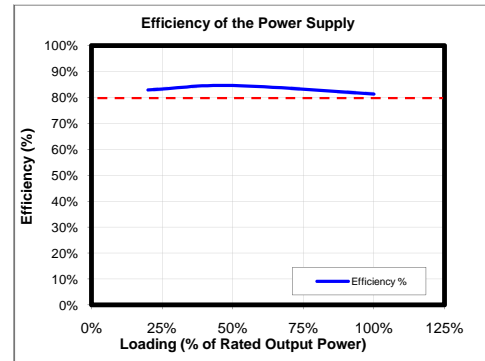
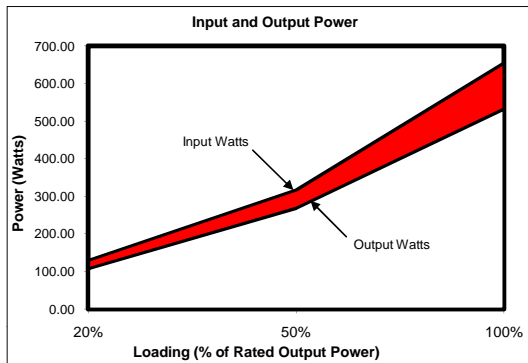
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	530	Watts

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



Input AC Current Waveform (ITHD = 12.21%, 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		
1.14	0.99	14.90%	20%	Light	130.03	12.2/6.8	11.6/0	3.3/3.3	5/2.1	5.1/0.5	107.81	82.91%
2.80	0.98	12.21%	50%	Typical	317.40	12.2/17	11.7/0.1	3.3/8.3	5/5.2	5/1.3	268.52	84.60%
5.74	0.99	7.85%	100%	Full	655.40	12.1/34	11.7/0.3	3.3/16.5	4.9/10.4	4.9/2.7	533.02	81.33%



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/>

