



Test report No.:	EL/2009/70010	
Applicant :	Corona Technology Inc.	
Address:	9F, No. 34, Sec.5, Nan-Jing E. Rd., Taipei 105, Taiwan R.O.C	
Manufacturer :	Corona Technology Inc.	
Address:	9F, No. 34, Sec.5, Nan-Jing E. Rd., Taipei 105, Taiwan R.O.C	
Product:	MEGA Power Saver	
Model:	CT-1688	
Rating(s) :	120Vac, 2.5A, 60Hz	
Date receipt:	July 08, 2009	
Test specification:	As specified by applicant.	
Compiled by: Ives huang Test Engineer July 14, 2009	Reviewed by: Haoru Kong Supervisor July 14, 2009	
		
Signature	Signature	
<p>Details and test results are given in subsequent pages of this report.</p> <p>This report refers only to the unit submitted for test.</p> <p>"(see Enclosure #)" refers to additional information appended to the report.</p> <p>"(see appended table)" refers to a table appended to the report. Throughout this report a point is used as the decimal separator.</p> <p>This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/terms_e-document.htm</p> <p>Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.</p> <p>Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 7 days only.</p>		

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Test Equipment used:

Power meter.....: Chroma, Model: 66202
 Calibration Due Date: Apr. 14, 2009

Frequency Converter.....: EXTECH Model: CFW-105
 Electronic Technology Co., Ltd. Model: SPG-26MS

Test Equipment provided by applicant:

Power meter.....: Watts up?, Model: Watts up? Pro
 120Vac, 60Hz, 15A

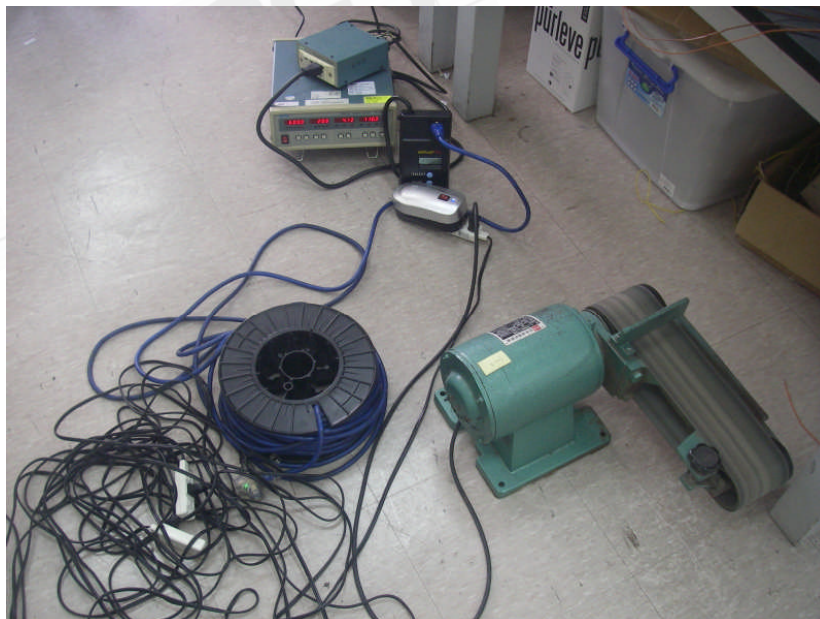
Motor load.....: 世錫機械工業
 Wheel Motor (120Vac, 60Hz, 1720RPM) x1

Other load used.....: Extension Cord Set(39m) x1
 Three Socket Extension Cord Set(7.65m) x3

Test method:

Connect the wheel motor to the Mega Power Saver in parallel and power the motor with 110Vac, 60Hz. Run the motor with the Mega Power Saver in off position for 5 hours continuously then record the current and power consumption. Turn the Mega Power Saver on and run the motor for another 5 hours then record the current and power consumption.

將所有延長線串起模擬一迴路再加上此一節能設備，利用砂輪馬達作為負載，施以額定電壓110V,60Hz。On, Off, 模式各操作5小時，並使用瓦時計紀錄觀察安裝節能設備前與安裝後耗電數據。



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Test result:

Temperature (°C)	Humidity(%RH)
25	70

Input	Voltage(Vac)	Frequency(Hz)
	110	60

Power saver	Current(A)	Power(W)	Power factor	Kilowatt hour (Kwh)
Off	6.37	251	0.36	1.251
On	4.19	216	0.48	1.067

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