

TEST REPORT

REQUIREMENTS FOR STAND-BY AND OFF MODE LOSSES ACCORDING TO THE EC REGULATION 1275/2008

Implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off mode electric power consumption of electrical and electronic household and office equipment.

Applicant, identification of the test sample

Applicant	Tung Keng Enterprise Co., Ltd No. 1, Lane 160, Sec. 2, Tan-Fu Road, Tan-Tzu Dist., Taichung, Taiwan	
Type of appliance	Bike	
Intended use	Indoor use	
Brand name	Reebok	
Type	RVTT-10701 Titanium TC3.0	
Serial number	N/A	
Electrical data	Adaptor Input: 100-240Vac, 50/60Hz, 200VA	Class II
	OUTPUT: 30VDC, 2.5A	

The customer confirmed RVTT-10401 Titanium TC2.0 is series model to RVTT-10701 Titanium TC3.0 (EUT), the model numbers are identical in electrical design except model number served as marketing strategy.

Summary of test results.

The power consumption standby mode is 0.30 W.
These results are in compliance with the 1st and 2nd stage requirements of the EC regulation No 1275/2008.)

Standard and environmental condition

Test laboratory	Intertek Testing Services Taiwan Ltd. Date: 2013-10-16
Standard applied	EN 62301:2005 + appl. parts of EC 1275/2008
Tested at	230 Vac / 50 Hz
Ambient temp.	20 °C
THD	0.50 %
Measuring device	Digital Power Meter Inventory number: EC2188
Set-up and circuits used for electrical testing	Connect the product to be tested to the metering equipment, and select the off mode to be measured

Measurement conditions

Operating condition	Standby mode
Method used	Steady state of power consumption is measured.
Comments	Record the power consumption in standby mode after power on 5 mins

Measurements of power of 0,50 W or greater are made with an uncertainty of less than or equal to 2 % at the 95 % confidence level. Measurements of power of less than 0,50 W are made with an uncertainty of less than or equal to 0,01 W at the 95 % confidence level.

Test and verification results

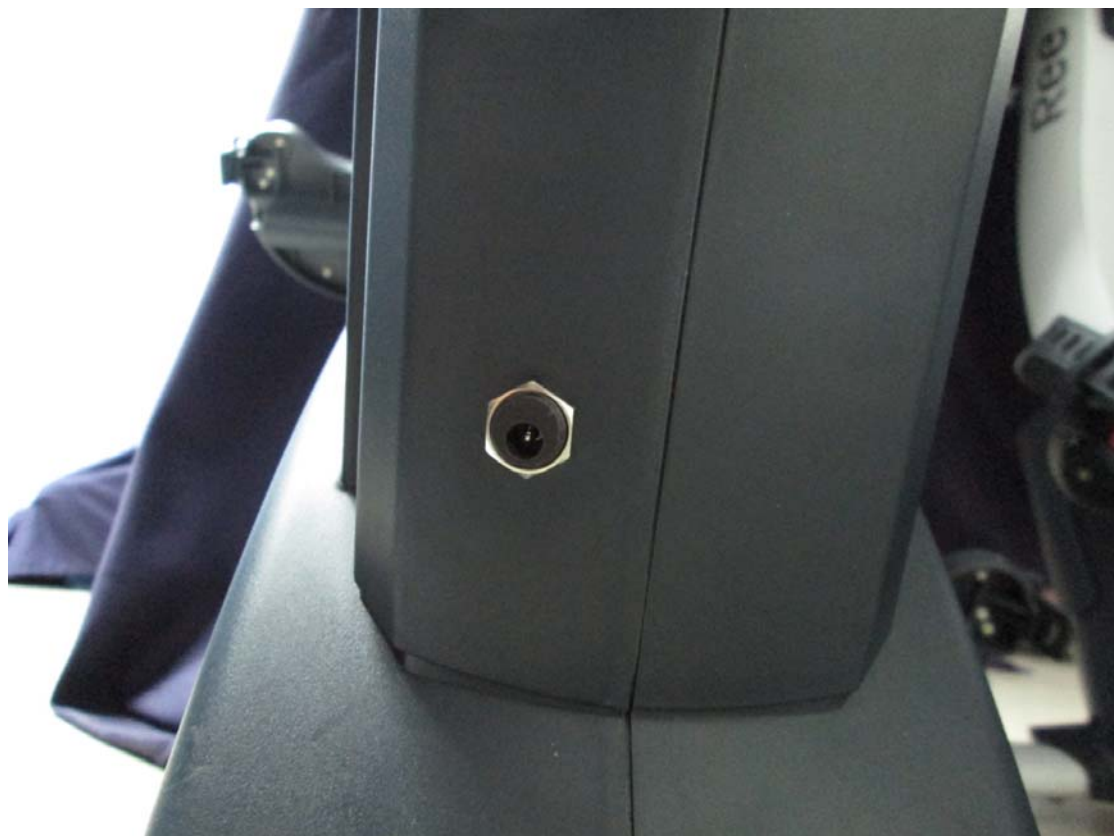
Clause	Ecodesign requirements, 1st stage	Result - Remark	Verdict
1a)	Power consumption in 'off mode': Power consumption of equipment in any off-mode condition shall not exceed 1,00 W	The appliance in off mode doesn't provide any information or status display.	N/A
1b)	Power consumption in 'standby mode(s)': The power consumption of equipment in any condition providing only a reactivation function, or providing only a reactivation function and a mere indication of enabled reactivation function, shall not exceed 1,00 W	Measured power: 0.30 W at 230 Vac / 50 Hz	P
1b)	Power consumption in 'standby mode(s)': The power consumption of equipment in any condition providing only information or status display, or providing only a combination of reactivation function and information or status display, shall not exceed 2,00 W	The appliance in standby mode doesn't provide any information or status display.	N/A
1c)	Availability of off mode and/or standby mode Equipment shall, except where this is inappropriate for the intended use, provide off mode and/or standby mode, and/or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source. - Characteristics of equipment relevant for assessing conformity with the requirements if applicable. - Time taken to automatically reach standby, or off mode, or another condition which does not exceed the applicable power consumption requirements. - If applicable, the technical justification shall be provided that the requirements are inappropriate for the intended use of equipment.	After power on 5 mins, the equipment automatically reaches the standby mode. The adapter provides a power switch.	P

Test and verification results

Clause	Ecodesign requirements, 2nd stage	Result - Remark	Verdict
2a)	Power consumption in 'off mode': Power consumption of equipment in any off-mode condition shall not exceed 0,50 W	The appliance in off mode doesn't provide any information or status display.	N/A
2b)	Power consumption in 'standby mode(s)': The power consumption of equipment in any condition providing only a reactivation function, or providing only a reactivation function and a mere indication of enabled reactivation function, shall not exceed 0,50 W.	Measured power: 0.30 W at 230 Vac / 50 Hz	P
2b)	The power consumption of equipment in any condition providing only information or status display, or providing only a combination of reactivation function and information or status display shall not exceed 1,00 W.	The appliance in standby mode doesn't provide any information or status display.	N/A
2c)	Availability of off mode and/or standby mode Equipment shall, except where this is inappropriate for the intended use, provide off mode and/or standby mode, and/or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source. - Characteristics of equipment relevant for assessing conformity with the requirements if applicable. - Time taken to automatically reach standby, or off mode, or another condition which does not exceed the applicable power consumption requirements. - If applicable, the technical justification shall be provided that the requirements are inappropriate for the intended use of equipment.	After power on 5 mins, the equipment automatically reaches the standby mode. The adapter provides a power switch.	P
2d)	Power management When equipment is not providing the main function, or when other energy-using product(s) are not dependent on its functions, equipment shall, unless inappropriate for the intended use, offer a power management function, or a similar function, that switches equipment after the shortest possible period of time appropriate for the intended use of the equipment, automatically into: — standby mode, or — off mode, or — another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source. The power management function shall be activated before delivery. - Characteristics of equipment relevant for assessing conformity with the requirements if applicable. - Time taken to automatically reach standby, or off mode, or another condition which does not exceed the applicable power consumption requirements. - If applicable, the technical justification shall be provided that the requirements are inappropriate for the intended use of equipment.	After power on 5 mins, the equipment automatically reaches the standby mode. The adapter provides a power switch.	P

Photos of the appliance:







The results only relate to the item tested

Intertek Testing Services Taiwan Ltd.
2013-10-25

Prepared by:

Reviewed by:

Sign on File
Eric Fan
Project Engineer

Alpha Liu
Certification Manager