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## Product environmental attributes – THE ECO DECLARATION

The declaration may be published only when all rows and/or fields marked with an \* are filled-in (n.a. for not applicable).  
Additional information regarding each item may be found under P14.

Brand *	<i>ThinkPad</i>	
Company name *	<i>Lenovo</i>	
Contact information *	<i>Lenovo Global Environmental Affairs</i> <i>Alvin L. Carter</i> <i>1009 Think Place</i> <i>Building 2 / 5F1</i> <i>Morrisville, North Carolina 27560</i> <i>alcarter@lenovo.com</i>	
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Additional information	<i>The latest version of this document can be found at</i> <a href="http://www.lenovo.com/social_responsibility/us/en/datasheets_notebooks.html">http://www.lenovo.com/social_responsibility/us/en/datasheets_notebooks.html</a>	

The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration.

Type of product *	<i>Notebook PC</i>
Commercial name *	<i>ThinkPad W530</i>
Model number *	<i>M/T: 2436/2438/2439/2441/2447/2449/2463</i>
Issue date *	<i>2014, June 17</i>
Intended market *	<input checked="" type="checkbox"/> Global <input type="checkbox"/> Europe <input type="checkbox"/> Asia, Pacific & Japan <input type="checkbox"/> Americas <input type="checkbox"/> Other
Additional information	

This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.

Quality Control		Requirement met	
Item		Yes	No
QC1 *	The company enforces an internal quality control scheme to ensure the correctness of this eco declaration	<input checked="" type="checkbox"/>	<input type="checkbox"/>
QC2 *	The company is a member of an eco declaration system that enforces regular independent quality control such as organized by IT-Företagen (see <a href="http://www.itcodeclaration.org">www.itcodeclaration.org</a> ).	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Model number *	<b>ThinkPad W530</b>	<b>M/T: 2436/2438/2439/2441/2447/2449/2463</b>
Issue date *	2014, June 17	Logo <b>lenovo</b>

Product environmental attributes - Legal requirements		Requirement met		
Item		Yes	No	n.a.
<b>P1 Hazardous substances and preparations</b>				
P1.1*	Products do not contain more than; 0.1% lead, 0.01% cadmium, 0.1% mercury, 0.1% hexavalent chromium, 0.1% polybrominated biphenyls (PBB) or 0.1% polybrominated diphenyl ethers (PBDE). (See legal reference and Note B1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.2*	Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.4*	Products do not contain more than; 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated terphenyl (PCT) in preparations (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.5*	Products do not contain more than 0.1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.6*	Textile and leather parts with direct skin contact do not contain Tri-(2,3,-dibromopropyl)-phosphate (TRIS), Tris-(aziridiny)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (see legal reference). Comment: Legal reference has no maximum concentration values.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P1.7*	Textile and leather parts with direct skin contact do not contain more than 0.003% Azo colorants that split aromatic amines. (See legal reference and Note B1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P1.8*	Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as pentachlorophenol and derivatives (see legal reference). Comment: Legal reference has no maximum concentration values.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P1.9*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5 microgram/cm <sup>2</sup> /week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:1998.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P1.10*	REACH Article 33 information about substances in articles is available at (add URL or mail contact): <a href="http://www.lenovo.com/social_responsibility/us/en/environment.html">http://www.lenovo.com/social_responsibility/us/en/environment.html</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P2 Batteries</b>				
P2.1*	If the product contains a battery or an accumulator, it is labeled with the disposal symbol and if it contains more than 0.0005% of mercury (for button cells only) by weight, or more than 0.004% of lead, it shall be marked with the chemical symbol for the metal concerned, Hg or Pb. Information on proper disposal is provided in user manual. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.2*	Button cells used in the product do not contain more than 2% by weight of mercury. Other batteries or accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.3*	Batteries and accumulators are easily removable by either users or service providers (as dependent on the design of the product). Exception: Batteries that are permanently installed for safety, performance, medical or data integrity reasons do not have to be "easily removable". (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P3 Safety, EMC connection to the telephone network and labeling</b>				
P3.1*	The product complies with legally required safety standards as specified (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.2*	The product complies with legally required standards for electromagnetic compatibility (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.3*	If product is intended for connection to a public telecom network or contains a radio transmitter, it complies with legally required standards for radio and telecommunication devices (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P4 Consumable materials</b>				
P4.1*	If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium max 0.01% (see legal reference and Note B1).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P4.2*	If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P4.3*	If the ink/toner formulation/preparation is classified as hazardous according to applicable regulations, the product/packaging is adequately labeled and a Safety Data Sheet (SDS) in accordance with these requirements is available (see legal reference).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P5 Product packaging</b>				
P5.1*	Packaging and packaging components do not contain more than 0.01% lead, mercury, cadmium and hexavalent chromium by weight of these together.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Note B1: Restriction applies to the homogeneous material, unless other specified and expressed in weight %.



Model number *	<b>ThinkPad W530</b>	<b>M/T: 2436/2438/2439/2441/2447/2449/2463</b>
Issue date *	2014, June 17	Logo <b>lenovo</b>

**Product environmental attributes - Market requirements (continued)** **Requirement met**

Item				Yes	No	n.a.	
<b>P9 Energy consumption</b>							
9.1	For the product the following power levels or energy consumptions are reported:				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Energy mode	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference / Standard for energy modes and test method *			
<b>Peak (On- max)</b>	<b>135/170 W</b>	<b>135/170 W</b>	<b>135/170 W</b>	<b>Full load</b>			
<b>Category D1</b>							
<b>Short Idle - WOL Enabled</b>	15.132 W	15.168 W	13.896 W	Use for Energy Star V6 registration( $P_{SHORT\_IDLE}$ )			
<b>Long Idle - WOL Enabled</b>	9.060 W	8.412 W	9.096 W	Use for Energy Star V6 registration( $P_{LONG\_IDLE}$ )			
<b>Sleep (S3) - WOL Enabled</b>	1.212 W	1.212 W	1.380 W	Use for Energy Star V6 registration( $P_{SLEEP}$ )			
<b>Sleep (S3) - WOL Disabled</b>	W	W	W	Reference			
<b>Off (S5) - WOL Enabled</b>	0.648 W	0.648 W	0.780 W	Use for Energy Star V6 registration( $P_{OFF}$ )			
<b>Off (S5) - WOL Disabled</b>	W	W	W	Use for ErP			
<b>Category D2</b>							
<b>Short Idle - WOL Enabled</b>	16.056 W	15.876 W	15.564 W	Use for Energy Star V6 registration( $P_{SHORT\_IDLE}$ )			
<b>Long Idle - WOL Enabled</b>	9.432 W	9.096 W	8.688 W	Use for Energy Star V6 registration( $P_{LONG\_IDLE}$ )			
<b>Sleep (S3) - WOL Enabled</b>	1.428 W	1.428 W	1.464 W	Use for Energy Star V6 registration( $P_{SLEEP}$ )			
<b>Sleep (S3) - WOL Disabled</b>	W	W	W	Reference			
<b>Off (S5) - WOL Enabled</b>	0.744 W	0.732 W	0.780 W	Use for Energy Star V6 registration( $P_{OFF}$ )			
<b>Off (S5) - WOL Disabled</b>	W	W	W	Use for ErP			
EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.)	W	0.26 W	0.38 W				
$P_{TEC}$ Typical Energy Consumption	W	W	W				
TEC Typical Energy Consumption	kWh/week	kWh/week	kWh/week				
$E_{TEC}$ * Annual Energy Consumption	D1:52.84, D2:5 6.47 kWh/year	D1:52.37, D2:5 5.67 kWh/year	D1:50.43, D2:5 4.71 kWh/year	$E_{TEC} = (8760/1000) \times (P_{OFF} \times T_{OFF} + P_{SLEEP} \times T_{SLEEP} + P_{LONG\_IDLE} \times T_{LONG\_IDLE} + P_{SHORT\_IDLE} \times T_{SHORT\_IDLE})$			
Display resolution	: 1366 x 768, 1600 x 900, 1920 x 1080 Pixels						
Print Speed	: Images per minute						
Default time to enter energy save mode:	20 minutes						
P9.2*	Information about the energy save function is provided with the product.				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P9.3*	The product meets the energy requirements of the following voluntary program/s: ENERGY STAR® version: <b>Version 6.0 dated June 2, 2014</b> Product category: <b>D1,D2</b> Others specify:				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P10 Emissions</b>							
<b>Noise emission</b> – Declared according to ISO 9296							
P10.1	Mode	Mode description	Declared A-weighted sound power level $L_{WAd}$ (B)	Declared A-weighted sound pressure level $L_{pAm}$ (dB)			
				Operator position <input checked="" type="checkbox"/>	Bystander positions <input type="checkbox"/>		
				Desktop <input checked="" type="checkbox"/>	(only if product is not operator attended)		
				or Desk side <input type="checkbox"/>			
	Idle	* <b>HDD: Idle</b>	* 2.9 (Hybrid video) * 3.3 (Discrete video)	22 (Hybrid video) 25 (Discrete video)			
	Operation	* <b>HDD: Operating</b>	* 3.7 (Hybrid video) * 4.2 (Discrete video)	27 (Hybrid video) 31 (Discrete video)			
	Other mode						
	Measured according to: <input checked="" type="checkbox"/> ISO7779 <input checked="" type="checkbox"/> ECMA-74 <input type="checkbox"/> Other (only if not covered by ECMA-74 with $L_{pAm}$ measurement distance m)						
P10.2	The product meets the acoustic noise requirements of the following voluntary program/s:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Issue date *	2014, June 17	Logo <b>lenovo</b>

Product environmental attributes - Market requirements (continued)		Requirement met		
Item		Yes	No	n.a.
<b>Chemical emissions from printing products</b>				
P10.3*	Test performed according to ECMA-328 (ISO/IEC 28360) standard <input type="checkbox"/> , other specify:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P10.4	Typical emission rate (print phase) is (mg/h):			<input checked="" type="checkbox"/>
	Dust Ozone Styrene Benzene TVOC			
P10.5	Chemical emission requirements of the following voluntary program/s are met for :	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Dust <input type="checkbox"/> Ozone <input type="checkbox"/> Styrene <input type="checkbox"/> Benzene <input type="checkbox"/> TVOC <input type="checkbox"/>			
<b>Electromagnetic emissions</b>				
P10.6	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s: <i>MPR-II(3 pin AC adapter only)</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P11 Consumable materials for printing products</b>				
P11.1*	A Safety Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P4.3).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN12281.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P11.3*	2-sided (duplex) printing/copying is an integrated product function.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P12 Ergonomics for computing products</b>				
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P13 Packaging and documentation</b>				
P13.1*	Product packaging material type(s): <i>Corrugated Cardboard</i> weight (kg): <b>0.63</b> Product packaging material type(s): <i>Recycled Polyethylene (RLDPE)</i> weight (kg): <b>0.45</b> Product packaging material type(s): <i>Others(Plastic Bags)</i> weight (kg): <b>0.03</b>			
P13.2*	Product plastic packaging is free from PVC.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P13.3*	Specify media for user and product documentation (tick box): Electronic <input checked="" type="checkbox"/> , Paper <input checked="" type="checkbox"/> , Other <input type="checkbox"/>			<input type="checkbox"/>
P13.4*	For paper user and product documentation, please specify contained percentage of post-consumer recycled fiber: <b>0%</b> . (Japan only 70%)			<input type="checkbox"/>
<b>P14 Additional information (See Note B4)</b>				
NOTE: Supplier makes no representations, guarantees, assurances or warranties whether express or implied, regarding the information contained in this document. All information provided by supplier in this document is provided based on supplier's knowledge available at the time of completion, and supplier shall have no obligation to update such information. The information provided here is approximate and provided for informational purposes only. See a Lenovo Account Representative for more information.				
P7.17	<b>Product does not contain free TBBPA in printed circuit boards(without components)&gt;25g.</b>			
P9	<b>See ENERGY STAR Qualified Notebooks &amp; Tablet Computers for the latest information:</b> <a href="http://downloads.energystar.gov/bi/qplist/laptops_prod_list.xls">http://downloads.energystar.gov/bi/qplist/laptops_prod_list.xls</a>			
P7.15	<b>Excluding 135W, 170W AC adapter</b>			

Note B4: Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key.

## Legal references Europe Annex B

Reference	Declaration item
2002/95/EC (ROHS Directive)	P1.1, P4.1
REACH, Annex XVII	P1.6, P1.8, P4.2
REACH, Annex XVII	P1.4
REACH, Annex XVII	P1.2
REACH, Annex XVII	P1.7
REACH, Annex XVII	P1.9
Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000	P1.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
2006/66/EC (Battery and accumulators Directive)	P2.1, P2.2, P2.3, P3.4, P8.1
2006/95/EC (Low Voltage Directive)	P3.1, 3.4
2004/108/EEC (New EMC Directive)	P3.2, 3.4
1999/5/EC (R&TTE Directive)	P3.3, 3.4
"REACH" Regulation (1907/2006), annex VII	P1.10
(EC) No.1272/2008 regulation on classification, labeling and packaging (CLP)	P4.3
REACH article 31, annex II	P4.3
2004/12/EC (Directive on packaging and packaging waste)	P5.1
(97/129/EC) (Commission Decision on Identification System for Packaging Materials)	P5.2
2037/2000/EC Regulation on Substances that Deplete the Ozone Layer	P5.3
2002/96/EC (WEEE directive)	P3.4, P6.1
(EC) No.1272/2008 regulation on classification, labeling and packaging (CLP)	P7.19

# Lenovo ErP Lot3 Information Sheet


## - PC / Notebook -

As required by COMMISSION REGULATION (EU) No 617/2013 of 26 June 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for computers and computer servers (ErP Lot3).

### Products scope of this sheet:

Desktop computer, integrated desktop computer, and notebook computer

This document is only valid in connection with the IT Eco Declaration of the specific Product.

Commercial name	<i>ThinkPad W530</i>	
Model Number	<i>2436, 2438, 2439, 2441, 2447, 2449, 2463</i>	
Issue Date	<i>2014, July 1</i>	
Additional information		

P7.1.1 Product environmental attributes							
(d)	year of manufacture: <span style="float: right;"><i>2014</i></span>						
(e)	<p><b>E TEC value</b> (kWh) per ErP Lot 3 Category and capability adjustments applied when <b>all discrete graphics cards (dGfx) are disabled</b> and if the system is tested with switchable graphics mode with UMA driving the display:</p> <p><b>Category (according to ErP Lot 3):</b> <span style="margin-left: 150px;"><b>Etec:</b></span></p>						
(f)	<p><b>E TEC value</b> (kWh) per ErP Lot 3 Category and capability adjustments applied when <b>all discrete graphics cards (dGfx) are enabled</b>:</p> <p><b>Category (according to ErP Lot 3):</b> <i>B</i> <span style="margin-left: 100px;"><b>Etec:</b> <i>40.92</i></span></p>						
(g)	idle state power demand (Watts); <span style="float: right;"><i>13.25</i></span>						
(h)	sleep mode power demand (Watts);						
(i)	sleep mode with WOL enabled power demand (Watts) (where enabled); <span style="float: right;"><i>1.64</i></span>						
(j)	off mode power demand (Watts);						
(k)	off mode with WOL enabled power demand (Watts) (where enabled); <span style="float: right;"><i>0.89</i></span>						
(l)	<p>internal power supply efficiency at 10 %, 20 %, 50 % and 100 % of rated output power (if applicable):</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">10%</td> <td style="width: 15%;">20%</td> <td style="width: 15%;">50%</td> <td style="width: 15%;">100%</td> <td style="width: 40%;">Average</td> </tr> </table>	10%	20%	50%	100%	Average	
10%	20%	50%	100%	Average			
(m)	<p>external power supply efficiency (if applicable):</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">10%</td> <td style="width: 15%;">20%</td> <td style="width: 15%;">50%</td> <td style="width: 15%;">100%</td> <td style="width: 40%;">Average</td> <td style="width: 10%;">;</td> </tr> </table> <p>or level: <i>V</i></p>	10%	20%	50%	100%	Average	;
10%	20%	50%	100%	Average	;		
(o)	the minimum number of loading cycles that the batteries can withstand (applies only to notebook computers): <span style="float: right;"><i>400</i></span>						
(p-1)	<p>the measurement methodology used to determine information mentioned in points (l) – internal PSU efficiency:</p> <p style="text-align: center;"><i>Not applicable</i></p>						
(p-2)	<p>the measurement methodology used to determine information mentioned in points (m) – external PSU efficiency:</p> <p style="text-align: center;"><i>EPA "Test Method for Calculating the Energy Efficiency of Single-Voltage External AC-DC and AC-AC Power Supplies" dated August 11, 2004</i></p>						
(p-3)	<p>the measurement methodology used to determine information mentioned in points (o) – loadingcycles batteries:</p> <p style="text-align: center;"><i>IEC 61960 measurement methodology</i></p>						

(p-4)	the measurement methodology used to determine information mentioned in maximum, idle, sleep, off mode power as defined in Point P9.1 in the Product IT Eco Declaration:  <i>ENERGY STAR measurement methodology</i>		
(q)	sequence of steps for achieving a stable condition with respect to power demand::  <i>ENERGY STAR measurement methodology</i>		
(r)	description of how sleep and/or off mode was selected or programmed:  <i>By selecting sleep and/or off mode thru Windows operating system</i>		
(s)	sequence of events required to reach the mode where the equipment automatically changes to sleep and/or off mode:  <i>Automatically changes to sleep after 20 minutes</i>		
(t)	the <b>duration of idle state condition before the computer automatically reaches sleep mode</b> , or another condition which does not exceed the applicable power demand requirements for sleep mode (in minutes): <i>20 minutes</i>		
(u)	the <b>length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power</b> demand requirement than sleep mode (in minutes):		
(v)	the <b>length of time before the display sleep mode is set to activate</b> after user inactivity (in minutes): <i>10 minutes</i>		
(w)	information on the energy-saving potential of power management functionality:  <i>User information described in User Guide and Power Manager under ThinkVantage menu in all programs</i>		
(x)	user information on how to enable the power management functionality:  <i>User information described in User Guide and Power Manager under ThinkVantage menu in all programs</i>		
(z)	test parameters for measurements: — test voltage in V and frequency in Hz, — total harmonic distortion of the electricity supply system, — information and documentation on the instrumentation, set-up and circuits used for electrical testing:  <i>230V, 50Hz, Total Harmonic Distortion &lt;2 %</i>		
<b>Addition Notebook Battery Information:</b>			
Yes (Battery <b>not</b> user replaceable)	No (Battery user replaceable)	n/a	This notebook computer is operated by battery/ies that cannot be accessed and replaced by a non-professional user.  <b>The battery[ies] in this product cannot be easily replaced by users themselves</b>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	



Additional information