



Ecma/TC38-TG3/2015/026 (Rev. 1 - 15 April 2015)

## Annex B2 - Product environmental attributes Computers and computer monitors

The declaration may be published only when all rows and/or fields marked with \* are filled-in (n.a. for not applicable). Additional information regarding each item may be found under P15.

Brand *	Lenovo	Logo
Company name *	Lenovo	
Contact information *	Lenovo Global Environmental Affairs	
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	Morrisville, North Carolina 27560	
	alcarter@lenovo.com	
Internet site *	www.lenovo.com	
Additional information		

The company declares (based on product specification or test results based obtained from sample testing), that the product						
conforms to the statemen	conforms to the statements given in this declaration.					
Type of product *	Notebook PC					
Commercial name *	ThinkPad L570					
Model number *	20J8,20J9,20JQ,20JR					
Issue date *	March 14, 2017					
Intended market *	☐ Global ☐ Europe ☐ Asia, Pacific & Japan ☐ Americas ☐ Other					
Additional information						

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

#### About Annex B2

Annex B2 reflects Product environmental attributes relevant for Computers and Computer Monitors. The following items from the ECMA-370 Main body are not shown in the template:

P4.1 – P4.3 Consumable materials

P9.1 TEC and Print speed

P10.2 - P10.3 Chemical emissions from printing products

P11.1 - P11.3 Consumable materials for printing products

Model number *	20J8,20J9,20JQ,20JR	Logo	Lanava
Issue date *	March 14, 2017		LEI 10VO

Product	Product environmental attributes - Legal requirements				
Item		Yes	No	n.a.	
P1	Hazardous substances and preparations				
P1.1*	Products do comply with current European RoHS Directive. (See legal reference and NOTE B1)	$\boxtimes$			
P1.2*	Products do not contain Asbestos (see legal reference).	$\boxtimes$			
	Comment: Legal reference has no maximum concentration value.				
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.		Ш		
P1.4*	Products do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated terphenyl (PCT) in preparations (see legal reference).				
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).				
P1.6*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 μg/cm²/weel (see legal reference).  Comment: Max limit in legal reference when tested according to EN1811:2011-5.				
P1.7*	REACH Article 33 information about substances in articles is available at (add URL or mail contact):	X			
1 1.7	http://www.lenovo.com/social_responsibility/us/en/materials.html		ш	ш	
P2	Batteries				
P2.1*	If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal				
	symbol. Information on proper disposal is provided in user manual. (See legal reference)				
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See lega reference)				
P2.3*	Batteries and accumulators are readily removable. (See legal reference)	$\boxtimes$			
P3	Conformity verification & Eco design (ErP)				
P3.1*	The product is CE-marked to show conformance with applicable legal requirements (see legal reference). The Declaration of Conformity can be requested at (add link or e-mail address): <a href="http://www.lenovo.com/social_responsibility/us/en/ec_doc_notebooks/">http://www.lenovo.com/social_responsibility/us/en/ec_doc_notebooks/</a>				
P3.2*	The product complies with the Eco design requirements for energy-related products,	$\boxtimes$			
	(see legal reference).  Required information is available:  http://www.lenovo.com/social_responsibility/us/en/datasheets_notebooks/				
P5	Product packaging				
P5.1*	Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium an hexavalent chromium by weight of these together.	d 🔀			
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material (used (see legal reference).	s) 🔀			
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montres Protocol (see legal reference).	al 🔀			
DC	Comment: Legal reference has no maximum concentration values.				
P6.1*	Treatment information Information for recyclers/treatment facilities is available (see legal reference).				
1 0.1	miornation for recycles a treatment facilities is available (see legal reference).	$\boxtimes$			

NOTE B1 Restriction applies to the homogeneous material, unless other specified and expressed in weight %. Stating "Yes" means that the product is compliant with the mandatory requirements.

Model number *	20J8,20J9,20JQ,20JR	Logo	Lanava
Issue date *	March 14, 2017		LEIIOVO

Product	luct environmental attributes - Market requirements (See General NOTE GN below) - Environmental conscious design Requirem					
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.		
P7	Design					
	Disassembly, recycling					
P7.1*	Parts that have to be treated separately are easily separable	$\boxtimes$	Ц_	Ц_		
P7.2*	Plastic materials in covers/housing have no surface coating.		X	Ц_		
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.	$\boxtimes$				
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.	$\boxtimes$				
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	$\boxtimes$				
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	$\boxtimes$				
	Product lifetime					
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives	$\boxtimes$				
P7.8*	Upgrading can be done using commonly available tools	$\boxtimes$				
P7.9	Spare parts are available after end of production for: 5 years					
P7.10	Service is available after end of production for: 5 years					
	Material and substance requirements					
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum):					
P7.12	Material type: PC+ABS-FR(40) Material type: PC Material type: POM Insulation materials of external electrical cables are PVC free.			$\overline{}$		
P7.12	Insulation materials of external electrical cables are PVC free.			<del>-  -  </del> -		
				<u> </u>		
P7.14	External plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bromine and 0,1% weight (1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retardants, and	$\boxtimes$		Ш		
	polyvinyl chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts					
	containing more than 25% post-consumer recycled content.					
P7.15	Printed circuit boards, PCBs (without components) are low halogen: all $\square$ PCBs > 25 g $\boxtimes$ are low halogen as defined in IEC 61249-2-21. (See 5NOTE B2)		Ш	Ш		
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4: Marking: FR(40)					
P7.17	Alt. 1: Chemical specifications of flame retardants in printed circuit boards > 25 g (without components):					
	TBBPA (additive), TBBPA (reactive) (See NOTE B3), Other: DOPO(9,10-dihydro-9-oxa-10-	$\boxtimes$		Ш		
	phosphaphenanthrene-10-oxide), CAS #: 35948-25-5					
	Alt. 2: Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g according ISO 1043-4:	Ш		Ш		
P7.18	Alt. 1: Flame retarded plastic parts > 25 g contain the following flame retardant substances/preparations in					
	concentrations above 0,1%:					
	1. Chemical name: , CAS #: (See NOTE B4) 2. Chemical name: , CAS #: "					
	3. Chemical name: , CAS #: "					
	Alt. 2: Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4:					
	FR(40)			Ш		
P7.19	In plastic parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been assigned the following Risk phrases; R53 and Hazard statements:H412					
	The source(s) for these classifications is/are found at (add URL(s)):  (See note B5)					
P7.20*	Postconsumer recycled plastic material content is used in the product (See Note B6):			П		
				ш		
	If YES; at least one of the two alternatives below shall be answered;					
	<ul> <li>a) Of total plastic parts' weight &gt; 25 g, the postconsumer recycled plastic material content (calculated as a percentage of total plastic by weight) is</li> <li>%.</li> </ul>					
	or					
	b) The weight of recycled material is 9 g.					

GENERAL NOTE Standard references should direct to the latest version of a standard. If an older version of a standard is used, section P15 shall be used for explanation.

NOTE B2 IEC 61249-2-21 defines maximum limits of 900 ppm for each of the substances chlorine and bromine and a maximum limit of 1500ppm of these substances combined. The standard does not address fluorine, iodine and astatine which are included in the group of halogens.

NOTE B3 and B4 A Guidance document on Chemical substances is available; see <a href="http://www.ecma-international.org/publications/standards/Ecma-370.htm">http://www.ecma-international.org/publications/standards/Ecma-370.htm</a>

NOTE B5 If a certain substance has been assigned a certain risk phrases / hazard statement in the referenced source, this does not necessarily mean the substance has been tested for all of the hazards referred to by a certain customer.

NOTE B6 Applies to a product containing plastic parts whose combined weight exceeds 100 g with the exception of printed circuit boards, cables, connectors and electronic components and bio-based plastic material.

Model nur	mber *	20J8,20J	19,20JQ,20JR			Logo	
Issue date	e */	March 1	4, 2017			Lenovo	
Product	environme	ental at	tributes - Market re	equirements (conti	nued)	Requirement n	net
Item						Yes No n	.a.
D= 0.11			stance requirements				
P7.21*				I in the product (See N	·		<u> </u>
P7.22*	If mercury		ree from mercury, i.e. specify: Number of lan	less than 0,1 mg/lamp nps: and maxim	num mercury content pe	er lamp: mg	
P8.1*	Batteries	amiaal a	amagaitian, Lithium L			r	_
			omposition: Lithium le	on			
<b>P9</b>			tion (See NOTE B8)	s or energy consumpti	one are reported:		
Energy mo		Jauct tile	Power level at	Power level at	Power level at	Reference/Standard for energy	$\neg$
			100 V AC	115 V AC	230 V AC	modes and test method *	
Peak (On-	max)		45 W	45 W	45 W	Full load	
Categor	y <u>  11</u>						
Short Idle	State		8.98 W	9.05 W	9.29 W	P <sub>SHORT_IDLE</sub> in ENERGY STAR	
Long Idle	State		5.34 W	4.75 W	5.20 W	P <sub>LONG_IDLE</sub> in ENERGY STAR	
Sleep (S3)			0.77 W	0.77 W	<b>0.80</b> W	P <sub>SLEEP</sub> in ENERGY STAR	
Off (S5)			0.20 W	0.20 W	<b>0.25</b> W	P <sub>OFF</sub> in ENERGY STAR	
Categor	y I2				•		
Short Idle			9.10 W	8.94 W	8.94 W	P <sub>SHORT_IDLE</sub> in ENERGY STAR	
Long Idle	State		4.79 W	4.70 W	5.30 W	P <sub>LONG_IDLE</sub> in ENERGY STAR	
Sleep (S3)			0.76 W	0.77 W	<b>0.80</b> W	P <sub>SLEEP</sub> in ENERGY STAR	
Off (S5)			0.26 W	0.28 W	0.30 W	P <sub>OFF</sub> in ENERGY STAR	
EPS No-loa	ad		W	0.052 W	0.080 W		
PTEC *	ergy Consur	motion	W	W	W		
ETEC *	ergy Corisui	приоп	I1: 31.07, I2: 30.99	I1: 30.74, I2: 30.57	I1: 31.98, I2: 31.26	$E_{TEC} = (8760/1000) \times (P_{OFF} \times T_{OFF})$	$\neg$
Annual En	ergy Consur	mption	kWh/year	kWh/year	kWh/year	+ PSLEEP × TSLEEP + PLONG_IDLE × TLONG_IDLE + PSHORT_IDLE × TSHORT_IDLE)	_
External Po	ower Supply	/ Efficien	cy Level (International	Efficiency Marking Pr	otocol) * : VI		
Display res	solution * : 1	366 x 7	68,1920 x 1080 Pixels				
Default tim	e to enter er	nergy sa	ve mode: 30 minutes				
P9.2*	Information	n about t	the energy save functi	on is provided with the	product.		
P9.3	Energy eff	iciency o	class (monitors only):				
P10	Emissions						
D40.4				ISO 9296 (See NOTE		(5)	
P10.1	Mode Idle		Mode description		* 3.0	it A-weighted sound power level, <i>L<sub>WA,c</sub></i> (B	<u></u>
	Operation		Operating(CPU)		* 3.2		┿
	Other mod		Operating(CFO)		* 3.0		┽
	Other mod	ie	Ореганіі (поо)			d cound proceure level / (dP)	
					(operator position de	d sound pressure level, <i>L<sub>pAm</sub></i> (dB) es <i>ktop</i> )	
	Idle		Idle		* 18		<u>_</u> _
	Operation		Operating(CPU)		* 23		
	Other mod		Operating(HDD)	_	* 22		
	Measured	accordir	ng to: XISO 7779 XIO	ECMA-74 (only if not covered by	/ ECMA-74)		

NOTE B7 The following is to be excluded from the calculation of percentage: printed circuit boards, labels, cables, connectors and electronic components and postconsumer recycled plastic

NOTE B8 A Guidance document on Energy Efficiency is available; see <a href="http://www.ecma-international.org/publications/standards/Ecma-370.htm">http://www.ecma-international.org/publications/standards/Ecma-370.htm</a>

NOTE B9 A Guidance document on Acoustic Noise is available; see <a href="http://www.ecma-international.org/publications/standards/Ecma-370.htm">http://www.ecma-international.org/publications/standards/Ecma-370.htm</a>

Model nur	nber *	20J8,20J9,20JQ,20	OJR .				Logo				
Issue date	*	March 14, 2017						Le	eno	VO,	
Product	environn	nental attributes	- Market requirement	ts (contin	ued)			Re	quire	ment	met
Item									Yes	No	n.a.
		nagnetic emissions									
P10.4	program	(s): MPR-II(3 pin AC		uency elect	romagnetic fields	of the follov	wing voluntar	у			
P12		nics for computing									
P12.1*			omic requirements of ISC				es.		$\boxtimes$		
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.								$\boxtimes$		
P13		ng and documenta									
P13.1*	Product Product	packaging material t packaging material t	ype(s): Corrugated Card ype(s): 100% Recycled I ype(s): Others (Polyeth)	Polyethyle		weight (	kg): <b>0.505</b> (kg): <b>0.118</b> (kg): <b>0.024</b>				
P13.2*	Product	plastic primary packa	aging is free from PVC.						$\boxtimes$		
P13.3*		luct primary corruga er recovered fiber co	ited fiberboard packagin ntent: <b>80</b> %	ıg, specify	the contained pe	rcentage o	of minimum p	oost-			
P13.4*		_	roduct documentation (tid Other	ck box):							
P13.5	Ùser and		em if paper documentatio tion on paper media is cl		<b>:</b> :						
	Totally c	hlorine-free									
	Element	al chlorine-free							$\overline{\boxtimes}$		
	Processe	ed chlorine-free							Ħ		
P14		ry programs									
P14.1	The prod	luct meets the requir	ements of the following v	oluntary p	rogram(s):						
		Y STAR® el: <b>Greenguard</b>	Criteria version: <b>6.1</b> Criteria version: <b>Gold</b>		ate: ate:	Product ca	tegory: <i>I1,I2</i>				
P15		nal information (See									
P9			mputer products; desci	•	he tested produc	t configur	ation:				
P7.12	Low hal	ogen power cord c	an be ordered on reque	est.							

NOTE B10 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 B2

Reference	Declaration item
Directive 2011/65/EU (RoHS Directive) *  * Specific exemptions apply for certain products and applications.	P1.1
Regulation (EC) 1907/2006(REACH, Annex XVII	P1.2, P1.4, P1.6, P1.7
Regulation (EC) 2037/2000, 2038/2000, 2039/2000 (Marketing and use of Ozone layer depleting substances)	P1.3, P5.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
Directive 2013/56/EC (Battery and accumulators Directive) *  * These provisions shall not apply where, for safety, performance, medical or data integrity reasons, continuity of power supply is necessary and requires a permanent connection between the appliance and the battery or accumulator.	P2.1, P2.2, P2,3, P8.1
Directive 2006/95/EC (Low Voltage Directive)	P3.1
Directive 2004/108/EC (EMC Directive)	P3.1
Directive 1999/5/EC (R&TTE Directive)	P3.1
Regulation (EC) 801/2013 amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation (EC) No 642/2009 with regard to ecodesign requirements for televisions	P3.1, P3.2
Regulation (EC) No 1272/2008 (CLP Regulation)	P7.19
Directive 2004/12/EC ( Packaging Directive)	P5.1
Decision 97/129/EC (Secondary packaging legislation)	P5.2
Directive 2012/19/EU (WEEE directive)	P6.1

# **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	ThinkPad L570	Logo	
Model Number	20J8,20J9,20JQ,20JR		Longvo
Issue Date	March 14, 2017		Lenovo.
Additional information			

(d)	year of manufacture:				2017
e)	Etec value (kWh) per ErP Lot 3 Catego disabled and if the system is tested with				cards (dGfx) are
·)	Etec value (kWh) per ErP Lot 3 Categor enabled	y and capability adjus	tments applied when a	all discrete graphics	cards (dGfx) are
		Category A (according to ErP Lot 3)	Category B (according to ErP Lot 3)	Category C (according to ErP Lot 3)	Category D (according to ErP Lot 3)
	Memory over base [GB]	28			
ents sting	Additional internal storage	No (Yes / No)	(Yes / No)	(Yes / No)	(Yes / No)
capability adjustments applied during testing	Discrete television tuner	No (Yes / No)	(Yes / No)	(Yes / No)	(Yes / No)
ability (	Discrete Audio Card	No (Yes / No)	(Yes / No)	(Yes / No)	(Yes / No)
cap	Discrete graphics Card(s) [number / #]	No #: (Yes / No)	#: (Yes / No)	#: (Yes / No)	#: (Yes / No)
	Category of discrete graphics Card(s)				
results	Etec Value (kWh) - dGfx disabled all discrete graphics cards (dGfx) are disabled/ UMA is active for switchable graphics/ product has no graphics cards (dGfx)	14.191			
Test re	Etec Value (kWh) - dGfx enabled all discrete graphics cards (dGfx) are enabled				
g)	Idle state power demand (Watts);		•		4.519
ר)	Sleep mode power demand (Watts);				0.802
)	Sleep mode with WOL enabled power de	emand (Watts) (where	enabled);		0.856
i)	Off mode power demand (Watts);				0.297
<b>(</b> )	Off mode with WOL enabled power dem	and (Watts) (where en	abled);		0.299
)	Internal power supply efficiency at 10 %,	, 20 %, 50 % and 100	% of rated output pow	er (if applicable):	
	10% 20% 50%	100% Avera	age		
n)	external power supply efficiency (if applie	cable)*:			
	Average active efficiency: 45W: 87,98%	%,88,63%,88,83%			
0)	Minimum number of loading cycles that t	the batteries can withs	tand (applies only to n	otebook computers):	400
p-1)	Measurement methodology used to dete	rmine information mer	ntioned in points (I) – in	nternal PSU efficiency	:
		Not applicable	<b>)</b>		

(p-2) Measurement methodology used to determine information mentioned in points (m) – external PSU efficiency:					
est Method fo					
urement metho	dology used to determine information mentioned in p	points (o) – loading cycles batteries:			
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:					
ence of steps fo	r achieving a stable condition with respect to power	demand:			
ription of how sl		nethodology			
•		operating system			
ence of events					
ode:					
tion of idle stat	Automatically changes to sleep	asches sleen mode, or another			
tion which does	not exceed the applicable power demand requirement	ents for sleep mode (in minutes):	30 minutes		
th of time befo	re the display sleep mode is set to activate after	user inactivity (in minutes):	10 minutes		
nation on the er	lergy-saving potential of power management function	nality:			
information on I		uide			
	User information described in User G	uide			
ectricity supply	neasurements: — test voltage in V and frequency in system, — information and documentation on the in:	Hz, — total harmonic distortion of			
		<2 %			
ook Battery		Patterylical user replaceable	n/a		
		Battery[ies] user replaceable	II/a		
	replaced by users themselves. 1)				
Battery					
ittery	$\boxtimes$				
nation			<u> </u>		
οσατερισ[ισ] в този roducto no pueden v tomto výrobku by n videre udskifte bæses Produkts kanntoote akut/akusid is oorióv αυτό δεν μπο nte(s) dans ce prodzamijeniti Bateriju sa n questo prodotto n nainīt šā ražojuma paterijuļ pats vartotut/akkumulátorait a nil-prodott ma tistæroduktet kan ikke leoduct is (zijn) door am w latwy sposób produto não poder cest produs nu poaoobku nemôže vymi	продукт не може да се замени[ят] лесно от самите потребите ser sustituidas făcilmente por los propios usuarios.   / neměli provádět sami uživatelé.  // teriet/batterierne i dette produkt.  // können nicht ohne weiteres vom Benutzer selbst ausgetauscht  e hölpsasti asendada.  poúv να αντικατασταθούν εύκολα από τους ίδιους τους χρήστες  uit ne peuvent être facilement remplacée(s) par les utilisateurs e  sam u ovom proizvodu.  on può/possono essere facilmente sostituita/e dall'utente.  akumulatoru(-us).  ).  ojas negali lengvai pakeisti.  felhasználó nem tudja egyedül egyszerűen kicserélni.  //jistghux tigi/jigu sostitwita/i mill-utenti stess.  tt erstattes av brukerne selv.  de gebruiker niet gemakkelijk vervangbaar.  wymienić baterii w tym produkcie.  n ymienić baterii w tym produkcie.  n ser facilmente substituídas pelos próprios utilizadores.  te (pot) fi uşor înlocuită (înlocuite) de utilizatorii înşişi.  eñat' používatef.	werden.			
	rest Method for urement method urement method urement method ras defined in Fence of steps for ence of steps for ence of events and the state of th	The set Method for Calculating the Energy Efficiency of Single-Voll Power Supplies" dated August 11, 2 urement methodology used to determine information mentioned in pace 12 in the Power Supplies" dated August 11, 2 urement methodology used to determine information mentioned in pace 12 in the Power Supplies of the State Control of the Power St	set Method for Calculating the Energy Efficiency of Single-Voltage External AC-DC and AC-AC Power Supplies" dated August 11, 2004 unement methodology used to determine information mentioned in points (o) – loading cycles batteries:  IEC 61960 measurement methodology unement methodology used to determine information mentioned in maximum, idle, sleep, off mode ras defined in Point P9.1 in the Product IT Eco Declaration:  IEC 62623 / IEC EN50564:2011 measurement methodology ence of sleeps for achieving a stable condition with respect to power demand:  IEC 62623 / IEC EN50564:2011 measurement methodology iption of how sleep and/or off mode was selected or programmed:  By selecting sleep and/or off mode thru Windows operating system ence of events required to reach the mode where the equipment automatically changes to sleep and/or feet the computer automatically reaches sleep mode, or another tion which does not exceed the applicable power demand requirements for sleep mode (in minutes): that has a lower power demand requirement fer user inactivity in which the computer automatically reaches a power that has a lower power demand requirement has sleep mode (in minutes): that has a lower power demand requirement has sleep mode (in minutes): user information on how to enable the power management functionality:  User information described in User Guide information on how to enable the power management functionality:  User information described in User Guide information on how to enable the power management functionality:  User information described in User Guide  Battery(lies) not user replaceable  The battery(les) not user replaceable  The battery(les) int user submatically replaceable  Battery(lies) for users themselves.  Battery(lies) for users themselves.  Battery(lies) for users themselves.  Battery(lies) into user of users themselves.  Battery(lies) into users them		

Annex B1 of ECMA-370 5<sup>th</sup> edition 2015-04-08