

ECMA/TC38-TG3/2015/026 (Rev. 1 – 15 April 2017)

Annex B2 - Product environmental attributes Desktop/All-in-One Computers

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		
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Additional information	The latest version of this document can be found at:		
	http://www.lenovo.com/ecodeclaration		

The company declares (based on product specification or test results based obtained from sample testing), that the product
conforms to the statement	nts given in this declaration.
Type of product *	All in one computer
Commercial name *	ThinkCentre M90a Gen 2
Model number *	11JY, 11K0, 11K1, 11K2, 11MN
Issue date *	2021/4/2
Intended market *	🛛 Global 🔲 Europe 🗌 Asia, Pacific & Japan 🗌 Americas 🗌 Other
Additional information	CEL, ES, LBL, Eye comfort, TCO8.0, TCO edge

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 n	umber *	11JY, 11K0, 11K1, 11K2, 11MN		~~~~	
Issue da	ite *	2021/4/2	Len	OVC) M
Produc	t environ	mental attributes - Legal requirements	Require	ment	t met
Item		·	Yes	No	n.a.
P1	Hazard	ous substances and preparations			
P1.1*	Product	s do comply with current European RoHS Directive. (See legal reference and NOTE B1)	\boxtimes		
P1.2*		s do not contain Asbestos (see legal reference). nt: Legal reference has no maximum concentration value.	\boxtimes		
P1.3*	hydrobro trichloro	s do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), omofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1- ethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum ration values.			
P1.4*		s do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated yl (PCT) in preparations (see legal reference).	\boxtimes		
P1.5*	Product chain co	s do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the ontaining at least 48% per mass of chlorine in the SCCP (see legal reference).			
P1.6*	(see leg	th direct and prolonged skin contact do not release nickel in concentrations above 0,5 μg/cm²/wee al reference). nt: Max limit in legal reference when tested according to EN1811:2011-5.	k ⊠		
P1.7*		Article 33 information about substances in articles is available at (add URL or mail contact): <pre>www.lenovo.com/us/en/Lenovo-REACH-SVHC-Disclosure</pre>	\square		
P2	Batterie	IS			
P2.1*		oduct contains a battery or an accumulator, the battery/accumulator is labeled with the disposal Information on proper disposal is provided in user manual. (See legal reference)	\boxtimes		
P2.2*	Batterie referenc	s or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legate) \approx)	al 🔀		
P2.3*	Batterie	s and accumulators are readily removable. (See legal reference)	\boxtimes		
P3	Confor	nity verification & Eco design (ErP)			
P3.1*	The Dec https://	duct is CE-marked to show conformance with applicable legal requirements (see legal reference). claration of Conformity can be requested at (add link or e-mail address): www.lenovo.com/us/en/compliance/eu-doc for EU and www.lenovo.com/us/en/compliance/uk-doc for UK			
P3.2*	The pro	duct complies with the Eco design requirements for energy-related products,	\boxtimes		
	, J	al reference).		_	_
	Require	d information is; given in item P15 or added to this document,	X		
		available at (add URL):			
		www.lenovo.com/us/en/compliance/eco-declaration			
P5.1*		t packaging			
	hexaval	ng and packaging components do not contain more than 0,01% lead, mercury, cadmium an ent chromium by weight of these together.			
P5.2*	used (se	kaging materials are marked with abbreviations and numbers indicating the nature of the material ee legal reference).			
P5.3*	Protoco	oduct packaging material is free from ozone depleting substances as specified in the Montre I (see legal reference). nt: Legal reference has no maximum concentration values.	eal 🔀		
P6		ent information			
P6.1*		ion for recyclers/treatment facilities is available (see legal reference).			

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 nu	ımber *	11JY, 11K0, 11K1, 11K2, 11MN	Logo	Lon		
Issue dat	te *	2021/4/2		Len	ovc	D _m
Product	environ	mental attributes - Market requirements (See General NOTE GN I	below)			
		onmental conscious design		Require	ment	met
Item		tory to fill in. Additional information regarding each item may be found under P14.		Yes	No	n.a.
P7.1*		Disassembly, recycling at have to be treated separately are easily separable				
					_ <u>H</u> _	<u> </u>
P7.2*		naterials in covers/housing have no surface coating.			<u> </u>	<u> </u>
P7.3*	-	arts > 100 g consist of one material or of easily separable materials.			_Ц_	<u> </u>
P7.4*		arts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.				<u> </u>
P7.5	-	arts are free from metal inlays or have inlays that can be removed with commonly a	vailable tools			
P7.6*		re easily separable. (This requirement does not apply to safety/regulatory labels).		\square		
	Product					
P7.7*		ng can be done e.g. with processor, memory, cards or drives				<u> </u>
P7.8*		ng can be done using commonly available tools		\square		
P7.9		arts are available after end of production for: 5 years				
P7.10		s available after end of production for: 5 years				
		and substance requirements				
P7.11*		cover/housing material type (e.g. plastics, metal, aluminum):	. I do um mu			
P7.12		type: <i>plastics</i> Material type: <i>metal</i> Materia n materials of external electrical cables are PVC free.	ii type:		\boxtimes	
P7.12		n materials of external electrical cables are PVC free.				+
P7.14		plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) br	coming and O	10/		<u> </u>
F7.14	weight (* polyvinyl	1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) of ng more than 25% post-consumer recycled content.	e retardants,	and		
P7.15	Printed	circuit boards, PCBs (without components) are low halogen: all X PCBs > 2 as defined in IEC 61249-2-21. (See 1NOTE B2)	25 g 🗌 are	low	\square	
P7.16		tarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4:				\boxtimes
P7.17		nemical specifications of flame retardants in printed circuit boards > 25 g (without co				
	TBBF 26265-0	PA (additive),	esin, CAS #:			
		nemical specifications of flame retardants in printed circuit boards (without compone g ISO 1043-4:	ents) > 25 g			
P7.18	concentr 1. Chem 2. Chem	ame retarded plastic parts > 25 g contain the following flame retardant substances rations above 0,1%: ical name: , CAS #: (See NOTE B4) ical name: , CAS #: " ical name: , CAS #: "	s/preparation	is in		
		nemical specifications of flame retardants in plastic parts > 25 g according ISO 1043				
P7.19	•	parts > 25 g, flame retardant substances/preparations above 0,1% are used which	have been		\boxtimes	
	-	I the following Risk phrases; and Hazard statements:				
			ee note B5)			
P7.20*	Postcons	sumer recycled plastic material content is used in the product (See Note B6):		\boxtimes		
	a) Oft ape or	It least one of the two alternatives below shall be answered; total plastic parts' weight > 25 g, the postconsumer recycled plastic material content ercentage of total plastic by weight) is 57.6% .	t (calculated a	as		

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 http://www.ecma-international.org/publications/standards/Ecma-370.htm

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 num	iber * 1	1JY. 11	K0, 11K1, 11K2, 11M	IN		Logo	
Issue date		021/4/2					Lenovo
Broduct o	nvironmo	ntal at	tributos Markat r	equirements (conti	nuod)		Requirement met
Item	nvironme	iilai al	Indutes - Market r	equirements (conti	nueu)		Yes No n.a.
nom	Material an	nd subs	tance requirements	(continued)			105 110 11.0.
P7.21*				d in the product (See N	OTE B7):		
				es below shall be answ , the biobased plastic		ulated as a perce	entage
				6.	(p	
	or		4				
P7.22*			the biobased plastic	less than 0,1 mg/lamp			
1 1.22			specify: Number of la		ium mercury content pe	er lamp: m	
P8	Batteries			•		•	
			omposition: Mangane	ese dioxide			
P9			tion (See NOTE B8)				
P9.1 Energy mod		duct the	Power level at	ls or energy consumpti Power level at	ons are reported: Power level at	Poforonco/Sta	ndard for energy
спегду шос			100 V AC	115 V AC	230 V AC	modes and tes	0,
Peak (On-n	nax)		W	W	W	Full load	
Category	2						
Calegory	2						
Short Idle S Enabled	State - WOL		26.8 W	26.4 W	26.8 W	Use for ENER registration (I	
Long Idle S	tate - WOL		17.6 W	17.6 W	17.2 W	Use for ENER	RGY STAR V8
Enabled						registration (P _{idle})
01 (00)			0 ()) (1.0.14	4 7 10/		01/ 07/0
Sleep (S3)	- WOL Enai	olea	2.1 W	1.8 W	1.7 W	Use for ENER registration(F	
Оff (S5) - И	/OL Enable	d	1.4 W	1.5 W	1.3 W	Use for ENER	
						registration(F	off)
EPS No-loa			W	W	W		
(External power su wall outlet but disc	pply / charger plug onnected from the p	ged in the product.)					
PTEC *			W	W	W		\boxtimes
Typical Ene ETEC *	rgy Consum	ption	95.8 kWh/year	94.1 kWh/year	93.8 kWh/year	E - (9760/4	
Annual Ene	rav Consum	ption	95.0 KVVII/year	94.7 KVVII/year	93.0 KVVII/year	$E_{TEC} = (0700/1)$ + $P_{sleep} \times 0.05$	1000) x (P _{off} x 0.45 + P _{long_ldle} x 0.15+
	0,	•				Pshort_Idle X 0.3	5)
External Da	war Cummby	T fficien		S5) - WOL Enabled; P _{slee}		. Enabled; P _{idle} : Id	le State - WOL Enabled
External Po Display reso	,		, (I Efficiency Marking Pr			
		0	•				
			ve mode: 25 minutes	ten te norredat. 1. 10. 11			
P9.2*				ion is provided with the	product.	1	
P9.3			lass (monitors only):				
P10	Emissions Noise emis		Declared according to	o ISO 9296 (See NOTE	- B9)		
P10.1	Mode		lode description			it A-weighted sou	und power level, <i>L_{WA.c}</i> (B)
	Idle		SSD idle		* 3	5	
	Operation		SSD Operating		* 3.3		
	Other mode			d pressure level (dB) L_{pAn}	20 (operator position	on desktop – idle)	
	Other mode			d pressure level (dB) L_{pAn}		on desktop – opera	ating)
ŀ							-/
	Measured a	accorair	·	ECMA-74			
			Other	(only if not covered by	(EOWA-14)		

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

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 B9 A Guidance document on Acoustic Noise is available; see http://www.ecma-international.org/publications/standards/Ecma-370.htm

Model nu	11		0, 11K	1, 11K2, 11MN					Logo	Lenc		
Issue dat	te * 20	21/4/2								Lenc		тн
Product	environmen	tal attr	ibutes	s - Market requ	irements	(contin	nued)			Require	ment	me
Item										Yes	No	n.a
	Electromag	netic en	nissior	าร								
P10.4					low frequen	cy elect	tromagnetio	c fields of	the following volunta	ry 🔀		
D 40				5024 CLASSB								
P12 P12.1*	Ergonomics			g products nomic requiremer	nte of ISO 0	241 207	7 for vieual	diaplay to	obpologios			
P12.1	. ,		•	neets the requirement				. ,	chinologies.			
	1,2				nems of 15C	9995 8	anu 150 92	41-410.				
P13.1*	Packaging a			type(s): Paper -	Corrugator	Doubl		abt (ka): 1	194			
1 10.1	Product pacl Product pacl	kaging m kaging m	naterial naterial	type(s): Paper - type(s): LDPE type(s): PE weig	Corrugated weigh	l single nt (kg): (wall wei	ght (kg): 6	0.116			
P13.2*				kaging is free fror						\boxtimes		
P13.3*	consumer re	covered	fiber c	ontent: 70 %			the contain	ined perce	entage of minimum	post-		
P13.4*	Specify med			product documer Other	ntation (tick l	box):						
P13.5		duct do	cumen	item if paper docu tation on paper m			ə:					
	Totally chlori Elemental ch		ee									
	Processed c	hlorine-f	ree									
P14	Voluntary p	rogram	s请G	P填写								
P14.1	The product	meets th	he requ	irements of the fo	ollowing volu	untary p	rogram(s):					
	ENERGY ST Eco-label: L Eco-label: E Eco-label: T Eco-label: T	BL ye com CO		Criteria versior Criteria versior Criteria versior Criteria versior Criteria versior	n: n: v 1.0 n: TCO8.0	Di Di Di	ate: 2021.3 ate: ate: ate: 2021.2 ate: 2021.2	Pr Pr 2.23 Pr	oduct category: Desi oduct category: AIO oduct category: AIO oduct category: AIO oduct category: AIO	ktop		
P15	Additional i	nformat	tion (S	ee NOTE B10)								
P9	Energy con	sumptic	on of s	pecific configura	ation may v	ary; de	scription of	of the test	ted product configu	ration:		
	Project	Cert.	Cat.	CPU	Memory	HDD	SSD	Graphics	Adapter			
	M90a-2, M838z-2 SIT	ES8.0	2	19- 11900/8C/2.5G Hz	32G	2ТВ	1TB	GPU	Liteon PA-1171-20LA (model no:ADL170SL0	C3A)		
	information of knowledge a	ontaine vailable	d in this at the	s document. All in time of completion	formation p n, and supp	rovided lier shal	by supplie I have no c	r in this do obligation t	nether express or imp ocument is provided b to update such inform movo Account Repre	based on sup nation. The in	olier's format	tion
P9	See Energy	Star Qua	alified I	Notebooks & Tabl ndex.cfm?fuseac	let Compute	rs for th	e latest inf	ormation:	&paw_code=CO			

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	ThinkCentre M90a Gen 2	Logo	
Model Number	11JY, 11K0, 11K1, 11K2, 11MN		
Issue Date	2021/4/2		Lenovo
Additional information	CEL, ES, TCO, TCO edge, LBL, Eye comfort		

P7.1.1	Product environmental attributes				
(d)	year of manufacture:				2021
(e)	Etec value (kWh) per ErP Lot 3 Categor disabled and if the system is tested with				cards (dGfx) are
(f)	Etec value (kWh) per ErP Lot 3 Categor enable	y and capability adjust	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]		32		32
ents sting	Additional internal storage	(Yes / No)	Yes (Yes / No)	(Yes / No)	Yes (Yes / No)
capability adjustments applied during testing	Discrete television tuner	(Yes / No)	No (Yes / No)	(Yes / No)	No (Yes / No)
ability a	Discrete Audio Card	(Yes / No)	No (Yes / No)	(Yes / No)	No (Yes / No)
app	Discrete graphics Card(s) [number / #]	#: (Yes / No)	Yes #: 1 (Yes / No)	#: (Yes / No)	Yes #: 1 (Yes / No)
	Category of discrete graphics Card(s)		G3		G3
Test 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)		72.3		86.64
Test	Etec Value (kWh) - dGfx enabled all discrete graphics cards (dGfx) are enabled		93.25		98.76
(g)	Idle state power demand (Watts);		l		B with GPU: 25.18 D with GPU: 26.87
(h)	Sleep mode power demand (Watts);				B with GPU: 1.44 D with GPU: 1.46
(i)	Sleep mode with WOL enabled power de	emand (Watts) (where	enabled);		B with GPU: 1.42 D with GPU: 1.54
(j)	Off mode power demand (Watts);				B with GPU: 0.92 D with GPU: 0.9
(k)	Off mode with WOL enabled power dem	and (Watts) (where en	abled);		B with GPU: 0.91 D with GPU: 0.82
(I)	Internal power supply efficiency at 10 %,	20 %, 50 % and 100	% of rated output pow	er (if applicable):	
	10% 20% 50%	100% Avera	age		
(m)	External power supply efficiency (if appli	cable)*:			
	Average active efficiency: Liteon PA-11 ADL170SLC3A: 91.28%; Chicony ADL				
	*internal note: show values for all available external po	ower supplies			
(0)	Minimum number of loading cycles that t	the batteries can withs	tand (applies only to r	notebook computers):	N/A

(p-1)	Measurement methodology used to determine information mentioned in points (I) – internal PSU efficiency:	
(p-2)	Measurement methodology used to determine information mentioned in points (m) – external PSU efficiency: refer to EN50563:2011 External a.cd.c. and a.ca.c. power supplies	
(p-3)	Measurement methodology used to determine information mentioned in points (o) – loading cycles batteries:	
(p-4)	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:	
	refer to IEC62623:2013-Desktop and notebook computers-Measurement of energy consumption	
(q)	Sequence of steps for achieving a stable condition with respect to power demand::	
	Based on user manual/Power on->Wait 5 minutes->Stable condition	
(r)	Description of how sleep and/or off mode was selected or programmed:	
	Based on user manual-Set power button behaviors	
	Set power button behaviors	
	You can define what the power button does according to your preference. For example, by pressing the power button, you can turn off the computer or put the computer to sleep or hibernation mode.	
	To change what the power button does:	
	1. Go to Control Panel and view by large icons or small icons.	
	2. Click Power Options → Choose what the power buttons do.	
	3. Change the settings as you prefer.	
(s)	Sequence of events required to reach the mode where the equipment automatically changes to sleep and/or off mode:	
	Based on user manual/Control Panel->Power Options-> Change Settings-> Restore default settings for this plan	
(t)	Duration of idle state condition before the computer automatically reaches sleep mode, or another	25 minutes
(t) (u)		25 minutes
	Duration of idle state condition before the computer automatically reaches sleep mode, or another condition which does not exceed the applicable power demand requirements for sleep mode (in minutes): Length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power demand requirement than sleep mode (in minutes): Length of time before the display sleep mode is set to activate after user inactivity (in minutes):	25 minutes 10 minutes
(u)	Duration of idle state condition before the computer automatically reaches sleep mode, or another condition which does not exceed the applicable power demand requirements for sleep mode (in minutes): Length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power demand requirement than sleep mode (in minutes):	
(u) (v) (w)	Duration of idle state condition before the computer automatically reaches sleep mode, or another condition which does not exceed the applicable power demand requirements for sleep mode (in minutes): Length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power demand requirement than sleep mode (in minutes): Length of time before the display sleep mode is set to activate after user inactivity (in minutes): Information on the energy-saving potential of power management functionality: N/A	
(u) (v)	Duration of idle state condition before the computer automatically reaches sleep mode, or another condition which does not exceed the applicable power demand requirements for sleep mode (in minutes): Length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power demand requirement than sleep mode (in minutes): Length of time before the display sleep mode is set to activate after user inactivity (in minutes): Information on the energy-saving potential of power management functionality:	
(u) (v) (w)	Duration of idle state condition before the computer automatically reaches sleep mode, or another condition which does not exceed the applicable power demand requirements for sleep mode (in minutes): Length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power demand requirement than sleep mode (in minutes): Length of time before the display sleep mode is set to activate after user inactivity (in minutes): Information on the energy-saving potential of power management functionality: N/A User information on how to enable the power management functionality: Based on user manual-Set the power plan	
(u) (v) (w)	Duration of idle state condition before the computer automatically reaches sleep mode, or another condition which does not exceed the applicable power demand requirements for sleep mode (in minutes): Length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power demand requirement than sleep mode (in minutes): Length of time before the display sleep mode is set to activate after user inactivity (in minutes): Information on the energy-saving potential of power management functionality: N/A User information on how to enable the power management functionality:	
(u) (v) (w)	Duration of idle state condition before the computer automatically reaches sleep mode, or another condition which does not exceed the applicable power demand requirements for sleep mode (in minutes): Length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power demand requirement than sleep mode (in minutes): Length of time before the display sleep mode is set to activate after user inactivity (in minutes): Information on the energy-saving potential of power management functionality: N/A User information on how to enable the power management functionality: Based on user manual-Set the power plan	
(u) (v) (w)	Duration of idle state condition before the computer automatically reaches sleep mode, or another condition which does not exceed the applicable power demand requirements for sleep mode (in minutes): Length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power demand requirement than sleep mode (in minutes): Length of time before the display sleep mode is set to activate after user inactivity (in minutes): Information on the energy-saving potential of power management functionality: N/A User information on how to enable the power management functionality: Based on user manual-Set the power plan Set the power plan For ENERGY STAR® compliant computers, the following power plan takes effect when your computers have	
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(u) (v) (w)	Duration of idle state condition before the computer automatically reaches sleep mode, or another condition which does not exceed the applicable power demand requirements for sleep mode (in minutes): Length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power demand requirement than sleep mode (in minutes): Length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power demand requirement than sleep mode (in minutes): Length of time before the display sleep mode is set to activate after user inactivity (in minutes): Information on the energy-saving potential of power management functionality: N/A User information on how to enable the power management functionality: Based on user manual-Set the power plan Set the power plan For ENERGY STAR® compliant computers, the following power plan takes effect when your computers have been idle for a specified duration: Table 1. Default power plan (when plugged into ac power) • Turn off the display: After 10 minutes • Put the computer to sleep: After 25 minutes To awaken the computer from Sleep mode, press any key on your keyboard.	

		Test voltage in V and frequency in Hz: 230V/50Hz Total harmonic distortion of the electricity supply system: $\leq 2\%$								
	Instrument	Range Used	Make and Mo	sdol						
	Туре	Or								
	AC Power Source	1~280VAC; 1~550Hz; 1000VA	Chroma;6150							
	Digital Watch	Full range	CASIO; HS-70W; SN:208Q08R							
Power Meter		0~600V; 0~20A	YOKOGAWA	; WT310E; SN:C3SJ16035E						
Hygrothermograph	15~35℃/ 15~90%	15~35°C/ 15~90% TESTO; 608-H1; SN:1034895602								
	Thermal anemometer	er 0~20m/s, -20~70℃	TESTO; 425; SN:02591883							
	Light Measuring	1; 1~300cd/m ²	KONICA MINOLTQ:LS-110							
Additio	nal Notebook Batter		4							
		Battery[ies] <u>not</u> user replace		Battery[ies] user replaceable	n/a					
		The battery[ies] in this product cal replaced by users themselves. ¹⁾	nnot be easily							
internal/	built-in Battery									
External	l/detachable Battery									
Bios Bao	ckup Battery									
Other:										

1) The battery[ies] in this product cannot be easily replaced by users themselves. Акумулаторната[ите] батерия[и] в този продукт не може да се замени[ят] лесно от самите потребители.

Las baterías de este producto no pueden ser sustituidas fácilmente por los propios usuarios. Výměnu baterie/baterií v tomto výrobku by neměli provádět sami uživatelé.

Brugeren kan ikke uden videre udskifte batteriet/batterierne i dette produkt

Der Akku/die Akkus dieses Produkts kann/können nicht ohne weiteres vom Benutzer selbst ausgetauscht werden. Kasutajad ei saa selle toote akut/akusid ise hõlpsasti asendada.

Η μπαταρία[-ες] στο προϊόν αυτό δεν μπορούν να αντικατασταθούν εύκολα από τους ίδιους τους χρήστες

La/les batterie(s présente(s) dans ce produit ne peuvent être facilement remplacée(s) par les utilisateurs eux-mêmes. Korisnik ne može lako zamijeniti Bateriju sam u ovom proizvodu.

La batteria/le batterie in questo prodotto non può/possono essere facilmente sostituita/e dall'utente.

Lietotāji paši nevar nomainīt šā ražojuma akumulatoru(-us). Šio gaminio baterijos [bateriju] pats vartotojas negali lengvai pakeisti. A termék akkumulátorát/akkumulátorait a felhasználó nem tudja egyedül egyszerűen kicserélni.

II-batterija/batteriji f'dan il-prodott ma tistax/jistghux tiģi/jigu sostitwita/i mill-utenti stess. Batteriet [ene] i dette produktet kan ikke lett erstattes av brukerne selv.

De batterij(en) in dit product is (zijn) door de gebruiker niet gemaktelijk vervangbaar. Użytkownik nie może sam w łatwy sposób wymienić baterii w tym produkcie. A ou as baterias deste produto não podem ser facilmente substituídas pelos próprios utilizadores.

Bateria (bateriile) din acest produs nu poate (pot) fi ușor înlocuită (înlocuite) de utilizatorii înșiși.

Batériu(-ie) v tomto výrobku nemôže vymieňať používateľ. Baterij/baterije v tem izdelku uporabniki sami ne morejo zlahka zamenjati.

Tämän tuotteen akku [akut] ei[vät] ole helposti käyttäjän vaihdettavissa

Det är inte enkelt för kunden att själv byta ut batteriet/batterierna. Bu üründeki batarya(lar) kullanıcılar tarafından kolaylıkla değiştirilemez.