

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		
Contact information *	Lenovo Global Environmental Affairs		Lenovo
e-mail address	Alvin L Carter		LEI IOVO.
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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 statements given in this declaration.				
Type of product *	All in One Computer			
Commercial name *	ThinkCentre M90a Pro Gen3			
Model number *	11VA, 11VB, 11VC, 11VD, 11VE			
Issue date *	2022.3.14			
Intended market *	🛛 Global 🔲 Europe 🗌 Asia, Pacific & Japan 🗌 Americas 🗌 Other			
Additional information	ES(11VA;11VB),EPEAT(11VA;11VB),eye safe,Low blue light, Flicker Free, TCO, 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 *	11VA, 11VB, 11VC, 11VD, 11VE			
lssue da	ate *	2022.3.14	Lend	Lenovo	
	t enviror	mental attributes - Legal requirements	Require		
Item			Yes	No	n.a.
P1		ous substances and preparations			
P1.1*	Product	s do comply with current European RoHS Directive. (See legal reference and NOTE B1)	$\square$		
P1.2*	Comme	s do not contain Asbestos (see legal reference). nt: Legal reference has no maximum concentration value.	$\square$		
P1.3*	hydrobr 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*	terphen	s do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated yl (PCT) in preparations (see legal reference).	$\square$		
P1.5*	chain co	s do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in th 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/weel 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): www.lenovo.com/us/en/Lenovo-REACH-SVHC-Disclosure	$\square$		
P2	Batterie	IS			
P2.1*	symbol.	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) /ww.lenovo.com/us/en/social responsibility/EU DoC desktops			
P2.2*	Batterie referenc	s or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See lega xe)	I 🛛		
P2.3*	Batterie	s and accumulators are readily removable. (See legal reference)	$\square$		
P3	Confor	nity verification & Eco design (ErP)			
P3.1*	The Dec	duct is CE-marked to show conformance with applicable legal requirements (see legal reference). claration of Conformity can be requested at: <i>https://www.lenovo.com/us/en/compliance/eu-doc</i> ; <i>https://www.lenovo.com/us/en/compliance/uk-doc for UK</i>			
P3.2*		duct complies with the Eco design requirements for energy-related products,			
		al reference).			
	Require	d information is; given in item P15 or added to this document,	$\boxtimes$		
	declara	available at: https://www.lenovo.com/us/en/compliance/eco-			
P5		t packaging			
P5.1*	Packagi	ng and packaging components do not contain more than 0,01% lead, mercury, cadmium an ent chromium by weight of these together.	id 🔀		
P5.2*	The pac used (se	kaging materials are marked with abbreviations and numbers indicating the nature of the material( ee legal reference).			
P5.3*	* The product packaging material is free from ozone depleting substances as specified in the Montreal Proto (see legal reference).		ol 🔀		
DA		nt: Legal reference has no maximum concentration values.			
P6		ent information			
P6.1*	Informat	ion for recyclers/treatment facilities is available (see legal reference).	$\square$		

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	umber *	11VA, 11VB, 11VC, 11VD, 11VE	Logo	Lon		
Issue da	te *	2022.3.14		Len	ove	Этн
Product	t environ	mental attributes - Market requirements (See General NOTE GN	below)			
		onmental conscious design		Require		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				
P7.2*		naterials in covers/housing have no surface coating.			╞	
P7.3*		arts > 100 g consist of one material or of easily separable materials.			H	
P7.4*	-	arts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.			Ħ	
P7.5	Plastic p	arts are free from metal inlays or have inlays that can be removed with commonly a	available tools.		Ē	
P7.6*		re easily separable. (This requirement does not apply to safety/regulatory labels).			Π	
	Product					
P7.7*	Upgradir	ng can be done e.g. with processor, memory, cards or drives		$\square$		
P7.8*	Upgradir	ng can be done using commonly available tools		$\boxtimes$		
P7.9	Spare pa	arts are available after end of production for: 5 years				
P7.10	Service i	s available after end of production for: 5 years				
		and substance requirements				
P7.11*	Material	cover/housing material type (e.g. plastics, metal, aluminum): type: ABS Material type: PC Materia type: SGCC Material type: Materia	al type: <b>PC+AB</b> al type:	S		
P7.12		n materials of external electrical cables are PVC free.	a type.		$\square$	
P7.13	Insulatio	n materials of internal electrical cables are PVC free.				
P7.14	weight ( polyvinyl	plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) b 1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in an 25% post-consumer recycled content.	e retardants, ar	nd		
P7.15		sircuit boards, PCBs (without components) are low halogen: all 🗌 PCBs > 25 g 🧮 ad in IEC 61249-2-21. (See 1NOTE B2)	are low haloge	en	$\square$	
P7.16	Marking:	etarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4:		$\square$		
P7.17		nemical specifications of flame retardants in printed circuit boards > 25 g (without co PA (additive), TBBPA (reactive) (See NOTE B3), Other: , CAS #:	omponents):	$\boxtimes$		
		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 substance rations above 0,1%: ical name: , CAS #: (See NOTE B4) ical name: , CAS #: " ical name: , CAS #: "	s/preparations	in		
	<u>Alt. 2: </u> Cł	nemical specifications of flame retardants in plastic parts > 25 g according ISO 104	3-4:		$\square$	
P7.19		c parts > 25 g, flame retardant substances/preparations above 0,1% are used which d the following Risk phrases; and Hazard statements:	n have been			$\boxtimes$
			See note B5)			
P7.20*	Postcons	sumer recycled plastic material content is used in the product (See Note B6):		$\bowtie$		
	a) Oft ape or	at least one of the two alternatives below shall be answered; total plastic parts' weight > 25 g, the postconsumer recycled plastic material conten ercentage of total plastic by weight) is <b>44.7%</b> .black e weight of recycled material is <b>503.2</b> g.	t (calculated 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 <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 number *	11VA, 11VB, 11VC, 11VD, 11VE	Logo	Lenovo			
Issue date *	2022.3.14		Lenovo.			
Product environmental attributes - Market requirements (continued) Requirement met						

Item

Materi	al and subs	stance requirements	(continued)			
P7.21* Biobas	ed plastic m	naterial content is used	d in the product (See N	IOTE B7):		
If YES	; at least on	e of the two alternative	es below shall be answ	vered;		
			the biobased plastic n	naterial content (calcul	ated as a percentage of	
l to or	otal plastic b	y weight) is %.				
	he weiaht of	f the biobased plastic i	material is a.			
P7.22* Light s	ources are f	ree from mercury, i.e.	less than 0,1 mg/lamp	).		
		specify: Number of lar	mps: and maxim	num mercury content p	per lamp: mg	
P8 Batter		ommonition. Lithium I	Managana Diawida			
		omposition: Lithium I	wanganese Dioxide			
		tion (See NOTE B8)	ls or energy consumpti	ions are reported:		
Energy mode *		Power level at	Power level at	Power level at	Reference/Standard for energy	
		100 V AC	115 V AC	230 V AC	modes and test method *	
Peak (On-max)		W	W	W	Full load	
Category1						
Short Idle State -	WOL	21 W	20.2 W	20.8 W	ENERGY STAR Computers	
Enabled					V8.0	
Long Idle State -	NOL	6.5 W	5.1 W	5.7 W	ENERGY STAR Computers	
Enabled					V8.0	
Sleep (S3) - WOL	Enabled	1.9 W	1.9 W	1.9 W	ENERGY STAR Computers	
					V8.0	
Off (S5) - WOL En	abled	0.5 W	0.5 W	0.5 W	ENERGY STAR Computers V8.0	
Category2						
Short Idle State - Enabled	WOL	21 W	21.4 W	<b>19.7</b> W	ENERGY STAR Computers V8.0	
		0.4144	0.514	5 0 14/		
Long Idle State - Enabled	NOL	6.1 W	6.5 W	5.3 W	ENERGY STAR Computers V8.0	
Lilabled						
Sleep (S3) - WOL	Enabled	2.4 W	2.4 W	2.3 W	ENERGY STAR Computers V8.0	
Off (S5) - WOL En	abled	0.5 W	0.5 W	0.5 W	ENERGY STAR Computers V8.0	
EPS No-load		W	W	W		$\square$
(External power supply / charge wall outlet but disconnected from	ger plugged in the					
PTEC *	sin the productly	W	W	W		$\boxtimes$
Typical Energy Co	nsumption					
ETEC * Annual Energy Cor	eumption	1:69.2 kWh/year 2:70.6 kWh/year	1:66 kWh/year 2:72.3 kWh/year	1:67.9 kWh/year 2:66.1 kWh/year	$E_{TEC} = (8760/1000) \times (P_{off} \times 0.45) + P_{sleep} \times 0.05 + P_{long_ldle} \times 0.15 + P_{sleep} \times 0.05 + P_{long_ldle} \times 0.15 + P_{sleep} \times 0.05 $	
Annual Energy Col	Isumption	2.70.0 KWII/yeai	2.72.3 KVVII/year	2.00.7 KWII/year	$P_{short \ Idle} \times 0.35$	
				pp: Sleep Mode(S3) - WO	L Enabled; Pidle: Idle State - WOL Enable	d
External Power Su	pply Efficien	icy Level (Internationa	I Efficiency Marking Pr	otocol) * : VI	International Efficiency	
					Marking Protocol for External Power Supplies	
Display resolution	* : 2.07 med	apixels				
		ive mode: 25 minutes				⊢⊢
			on is provided with the	product.		⊢⊢
-		class (monitors only):	,			
		(				

Yes

No

n.a.

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

NOTE B9 A Guidance document on Acoustic Noise is available;

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

P10	Emissions						
	Noise emissio	loise emission – Declared according to ISO 9296 (See NOTE B9)					
P10.1	Statistical upper limit A-weighted sound power level, L <sub>WA,c</sub> (B)						
	Idle	* HDD:Idle	* 3				
	Operation	* HDD: Operating	* 3.2				
	Other mode	Declared A-weighted sound pressure level (dB) $L_{p\rm Am}$	20.1 (operator position desktop – idle)				
	Other mode	Declared A-weighted sound pressure level (dB) $L_{\rm pAm}$	22.4 (operator position desktop – operating)				
	Measured according to: ISO 7779 ECMA-74						
		Other (only if not covered by E	:UMA-74)				

	mber *	11VA, 11VB, 11V	'C, 11VD, 11VE		Logo	Long		
Issue date	ə *	2022.3.14				Leno	vo	TH
Product	environm	nental attributes	- Market requirements	(continued)		Require	ment	t met
tem						Yes	No	n.a
		nagnetic emissior						
P10.4	program(	s): ex. CE,FCC,VC		ncy electromagnetic fie	lds of the following voluntary	′ 🛛		
P12		nics for computin		044.007.6				
P12.1*	-		nomic requirements of ISO 9			<u> </u>		
P12.2*			neets the requirements of ISC	0 9995 and ISO 9241-2	410.		$\square$	
P13 P13.1*		ng and document			(1). 4.000			
F 13.1	Product p Product p Product p	backaging material backaging material backaging material	type(s): Paper - Corrugated type(s): Paper - Corrugated type(s): Plastic - Solid EPE type(s): Plastic - LDPE (low	d single wall weight (solid Expanded pol	(kg): <b>0.116</b> ( <b>yethylene</b> ) weight (kg): <b>0.</b> 8			
P13.2*			kaging is free from PVC.			$\boxtimes$		
P13.3*		uct primary corrug r recovered fiber c	gated fiberboard packaging, ontent: <b>80</b> %	specify the contained	percentage of minimum p	ost-		
P13.4*			product documentation (tick Other	box):				
P13.5	User and		tem if paper documentation tation on paper media is chlc			$\boxtimes$		
		nlorine-free al chlorine-free						
	Processe	ed chlorine-free						
P14		y programs						
P14.1	The prod	uct meets the requ	irements of the following vol	untary program(s):				
		′ STAR® I: <b>Iow blue light</b>	Criteria version: <b>8.0</b> Criteria version:	Date: <b>2022.3</b> Date:	Product category: <b>Comp</b> Product category:	outer		
	Eco-labe Eco-labe Eco-labe	I: TCO edge I: EPEAT	Criteria version: Criteria version: Criteria version: Criteria version:	Date: Date: Date: Date:	Product category: Product category: Product category: Product category:			
	Eco-labe	l: Eye Safe	Criteria version:	Date:	Product category:			
P15		al information (Se						
P9	CPU : In	tel I9-12900 ; GP	pecific configuration may v U : Nvidia ; RAM : 64G ;; O	S :WIN11;PSU 230w				
	NOTE: S the infor	upplier makes no mation contained	representations, guarante I in this document. All info	es, assurances or wa rmation provided by s		s provided pdate such	based	d on
P9	informat Account	ion. The informat Representative f	ion provided here is appro or more information. I Notebooks & Tablet Com			s only. See	a Len	ovo

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 Pro Gen3	Logo	
Model Number	11VA, 11VB, 11VC, 11VD, 11VE		
Issue Date	2022.3.14		Lenovo.
Additional information	ES(11VA;11VB),EPEAT(11VA;11VB),eye safe,Low blue light, Flicke	r Free, TCO, T	CO edge

	Product environmental attributes				
d)	year of manufacture:				
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 <b>a</b>	II 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]		64		64
ents tting	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 lied du	Discrete Audio Card	(Yes / No)	No (Yes / No)	(Yes / No)	No (Yes / No)
capa 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
sults	Etec Value (kWh) - dGfx disabled all discrete graphics cards (dGfx) are disabled/ UMA is active for switchable graphics/ product has no graphics cards (dGfx)		80.31		78.28
Test results	Etec Value (kWh) - dGfx enabled all discrete graphics cards (dGfx) are enabled		81		79.28
(g)	Idle state power demand (Watts);				B with GPU: 22.21 D with GPU: 21.72
h)	Sleep mode power demand (Watts);				B with GPU: 0.99 D with GPU: 1.02
(i)	Sleep mode with WOL enabled power de	emand (Watts) (where	enabled);		
					B with GPU: 0.98 D with GPU: 1.01
(j)	Off mode power demand (Watts);				B with GPU: 0.57
(k)	Off mode with WOL enabled power dem	and (Watts) (where en	abled);		D with GPU: 0.57 B with GPU: 0.57 D with GPU: 0.57
(I)	Internal power supply efficiency at 10 %,	20 %, 50 % and 100 %	% of rated output pow	er (if applicable):	2 1101 01 0. 0.01
	10% 86.80% 20% 90.92% 50% 92.0	57% 100% <u>92.22%</u>	Average 91.94% 23	ow	
	10% 84.78% 20% 89.71% 50% 92.0	07% 100% 92.31%	Average 91.36% 18	ow	
(m)	External power supply efficiency (if appli	cable)*:			
	Average active efficiency:				
	*internal note: show values for all available external p	ower supplies			
(o)	Minimum number of loading cycles that t	the batteries can withs	tand (applies only to n	otebook computers):	N/A

(p-1)	Measurement methodology used to determine information mentioned in points (I) - internal PSU	
	efficiency: N/A	
(p-2)	Measurement methodology used to determine information mentioned in points (m) – external PSU efficiency:	
	refer to EN 50563:2011 External a.c. — d.c. and a.ca.c. power supplies	
(p-3)	Measurement methodology used to determine information mentioned in points (o) – loading cycles batteries:	
	N/A	
(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 press 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.	
	<ol> <li>Click Power Options → Choose what the power buttons do.</li> </ol>	
	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 condition which does not exceed the applicable power demand requirements for sleep mode (in minutes):	10
(u)	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):	N/A
(v)	Length of time before the display sleep mode is set to activate after user inactivity (in minutes):	25
(w)	Information on the energy-saving potential of power management functionality:	
	N/A	
(x)	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 <sup>®</sup> compliant computers, the following power plan takes effect when your computers 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.	
	To reset the power plan to achieve the best balance between performance and power saving:	
	1. Go to Control Panel and view by large icons or small icons.	
	2. Click Power Options, and then choose or customize a power plan of your preference.	

(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:

#### Test voltage in V and frequency in Hz: 230V/50Hz

				<~~~
Total harmonic	distortion	of the electrici	tv suddiv system	r =2%

Instrument	Range Used	Make and Model	
Туре	Or		
AC Power Source	1~280VAC; 1~550Hz; 1000VA	Chroma;61504; SN:615040001117	
Digital Watch	Full range	CASIO; HS-70W; SN:208Q08R	
Power Meter	0~600V; 0~20A	YOKOGAWA; WT310E; SN:C3SJ16035	
Hygrothermograph	15~35℃/ 15~90%	TESTO; 608-H1; SN:1034895602	
Thermal anemometer	0~20m/s, -20~70℃	TESTO; 425; SN:02591883	
Light Measuring	1; 1~300cd/m <sup>2</sup>	KONICA MINOLTQ:LS-110	

placeable n/a
-

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 [baterijų] 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/jistgħux tiġi/jiġu 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 gemakkelijk 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 uşor 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.