

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 *	ype of product * All in One Computer			
Commercial name *	ThinkCentre neo 30a 24 Gen 4 / Yangtian S660 24IRH			
Model number *	12JY,12K1,12K0,12K2,F0HD,F0HE			
Issue date *	2023.2.23			
Intended market *	🛛 Global 🔲 Europe 🗌 Asia, Pacific & Japan 🗌 Americas 🗌 Other			
Additional information	Low blue light;Flicker Free;Energy Star (12K0;12K2) ;EPEAT Silver (12K0;12K2)			

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 nu	umber *	12JY,12K1,12K0,12K2,F0HD,F0HE Logo				
Issue date *		2023.2.23	Len	Lenovo.		
	t environ	mental attributes - Legal requirements	Require		t met	
Item			Yes	No	n.a.	
P1		ous substances and preparations				
P1.1*	Products	s do comply with current European RoHS Directive. (See legal reference and NOTE B1)	\square			
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), pmofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1- ethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum ration values.				
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/week (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): https://www.lenovo.com/us/en/Lenovo-REACH-SVHC-Disclosure					
P2	Batterie					
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)	\square			
P2.2*	referenc		al 🔀			
P2.3*	Batteries	s and accumulators are readily removable. (See legal reference)	\boxtimes			
P3	Conform	nity verification & Eco design (ErP)				
P3.1*	The proo	duct is CE-marked to show conformance with applicable legal requirements (see legal reference). claration of Conformity can be requested at: https://www.lenovo.com/us/en/compliance/eu-doc https://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, al reference).	\boxtimes			
	Require declara	d information is; given in item P15 or added to this document, available at: https://www.lenovo.com/us/en/compliance/eco-				
P5		t packaging				
P5.1*	Packagi	r packaging ng and packaging components do not contain more than 0,01% lead, mercury, cadmium a	ind 🔀			
	hexaval	ent chromium by weight of these together.				
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) used (see legal reference).					
P5.3*	(see leg	duct packaging material is free from ozone depleting substances as specified in the Montreal Proto al reference). nt: Legal reference has no maximum concentration values.	col 🔀			
		na Eegan ereren as no maanan oonoonaalon talaoo.				
P6		In information				

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 *		12JY,12K1,12K0,12K2,F0HD,F0HE	Logo	Lon		
Issue dat	te *	2023.2.23		Len	-enovo.	
Product	environ	mental attributes - Market requirements (See General NOTE GN	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		Disassembly, recycling				
P7.1*		at have to be treated separately are easily separable			<u> </u>	Ц
P7.2*		naterials in covers/housing have no surface coating.				
P7.3*	•	arts > 100 g consist of one material or of easily separable materials.		\square		
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.					
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.					
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).					
		lifetime				
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives					
P7.8*	Upgrading can be done using commonly available tools					
P7.9	Spare pa	arts are available after end of production for: 5 years				
P7.10	Service i	is available after end of production for: 5 years				
	Material	and substance requirements				
P7.11*		cover/housing material type (e.g. plastics, metal, aluminum):				
			al type: PC+ABS	5		
P7.12		type: SGCC n materials of external electrical cables are PVC free.			\boxtimes	
P7.13		n materials of internal electrical cables are PVC free.		<u> </u>		
P7.14		plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bi	romino and 0 10			
		1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame				
		I chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine ir				
		an 25% post-consumer recycled content.				
P7.15		circuit boards, PCBs (without components) are low halogen: all PCBs > 25 g	are low haloge	n 📘	\boxtimes	
P7.16	as define	ed in IEC 61249-2-21. (See 1NOTE B2) etarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4:				
F7.10	Marking:	Statues plastic parts > 25 g in covers / nousings are marked according iSO 1045-4. >FR(40)		\bowtie		
P7.17		hemical specifications of flame retardants in printed circuit boards > 25 g (without co	omponents):			
	TBBF	PA (additive), 🛛 TBBPA (reactive) (See NOTE B3), 🗌 Other: , CAS #:		\square		
	Alt. 2: Cł	hemical specifications of flame retardants in printed circuit boards (without compone	ents) > 25 q			
		g ISO 1043-4:	, 0			
P7.18	<u>Alt. 1: Fl</u>	ame retarded plastic parts > 25 g contain the following flame retardant substance	s/preparations in	n		
		rations above 0,1%:				
		ical name: , CAS #: (See NOTE B4)				
		ical name: , CAS #: " ical name: , CAS #: "				
					_	_
D7 10		hemical specifications of flame retardants in plastic parts > 25 g according ISO 104:			<u> </u>	
P7.19	•	c parts > 25 g, flame retardant substances/preparations above 0,1% are used which	nave been			\bowtie
	0	d the following Risk phrases; and Hazard statements:	oo noto PE			
P7.20*		rce(s) for these classifications is/are found at (add URL(s)): , (S sumer recycled plastic material content is used in the product (See Note B6):	ee note B5)	\square		
F1.20	FUSICOIR	שמחוכו וכטיטוכע אמשנוכ ווומנכוומו נטוונכווג וש עשכע ווו גווב אוטעעטג (שבב מטנע בס).				
		at least one of the two alternatives below shall be answered;				
		plastic parts' weight > 25 g, the postconsumer recycled plastic material content (calc	culated as a			
		nge of total plastic by weight) is 54.5% . e weight of recycled material is 603.2 g.				
L	J INC					

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 number * Issue date *	12JY,12K1,12K0,12K2,F0HD,F0HE 2023.2.23	Logo	Lenovo
Product environm	•	Requirement met	

Item

	Material and sub	stance requirements	(continued)						
P7.21*									
	If VES: at least on	e of the two alternativ	es below shall be answ	vered:					
					ated as a percentage of				
	total plastic b	y weight) is %.	•	· ·					
	or b) The weight a	f the bishesed plastic	material is a						
P7.22*		f the biobased plastic	less than 0,1 mg/lam	0					
F 1.22		specify: Number of la		num mercury content p	per lamp: mg				
P8	Batteries		•	· · ·					
P8.1*	Battery chemical of	composition: Lithium	Manganese Dioxide						
P9		tion (See NOTE B8)							
P9.1			els or energy consump						
Energy m		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 *				
Peak (Or	n-max)	N/A W	N/A W	N/A W	Full load				
Catego	ry2								
Short Idl	e State - WOL	11.69W	11.93W	11.10W	ENERGY STAR Computers V8				
Enabled					-				
Long Idle	e State - WOL	1.15W	1.25W	1.15W	ENERGY STAR Computers V8				
Enabled-									
Sleen (S	3) - WOL Enabled-	1.15W	1.25W	1.15W	ENERGY STAR Computers V8				
ALPM									
0# (05)	WOL Enchlad	0.39W	0.38W	0.40W					
011 (35) -	WOL Enabled				ENERGY STAR Computers V8				
EPS No-I		0.033 W	0.033 W	0.0775 W					
(External powe wall outlet but of	r supply / charger plugged in the disconnected from the product.)								
PTEC *	• "	W	W	W					
	nergy Consumption	00.771)0/// /	07.07.114/1 /	05.04114/					
ETEC * Annual E	nergy Consumption	36.77 kWh/year	37.87 kWh/year	35.24 kWh/year	$E_{TEC} = (8760/1000) \times (P_{off} \times 0.45)$ + $P_{sleep} \times 0.05$ + $P_{long_ldle} \times 0.15$ + $P_{short_ldle} \times 0.35$				
		Poff: Off Mode	(S5) - WOL Enabled: Psie	en: Sleep Mode(S3) - WO	L Enabled; P _{idle} : Idle State - WOL Enabled				
External I	Power Supply Efficier	ncy Level (Internationa	al Efficiency Marking P	rotocol) * :					
Display re	esolution * : 2.07 me	gapixels							
Default tir	me to enter energy sa	ave mode: 10 minutes	;						
P9.2*	6,		tion is provided with the	e product.					
P9.3		class (monitors only):							
P10	Emissions								
		- Declared according	to ISO 9296 (See NOT	E B9)					
P10.1		Node description			nit A-weighted sound power level, <i>L_{WA,c}</i> (B)				
	Idle '	HDD:Idle		* 3.3					
	Operation '	HDD: Operating		* 3.3					
			nd pressure level (dB) $L_{p m A}$		ion desktop – idle)				
	Other mode	Declared A-weighted sou	nd pressure level (dB) $L_{p m A}$	Am 22 (operator positi	22 (operator position desktop – operating)				
	Measured accordi	ng to: 🔀 ISO 7779 [ECMA-74						
		Other	(only if not covered b	y 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 <u>http://www.ecma-international.org/publications/standards/Ecma-370.htm</u>

NOTE B9 A Guidance document on Acoustic Noise is available; see http://www.ecma-international.org/publications/standards/Ecma-370.htm Yes No

n.a.

Model nu	imber *	12JY,12K1,12K0,	12K2,F0HD,F0HE		Log	D			
Issue dat	te *	2023.2.23					Leno	vo	an i
Product	environ	mental attributes	- Market requirements (co	ntinued)			Require	ment	me
ltem							Yes	No	n.a
	Electro	magnetic emission	S						
P10.4	program	n(s): CE,FCC,VCCI,		electromagnetic field	s of the following	voluntary	\boxtimes		
P12		mics for computing							
P12.1*	The dis	play meets the ergor	omic requirements of ISO 9241	-307 for visual displa	y technologies.			\boxtimes	
P12.2*	The phy	sical input device m	eets the requirements of ISO 99	95 and ISO 9241-41	0.			\boxtimes	
P13	Packag	ing and documenta	tion						
	Product Product Product Product	packaging material packaging material packaging material packaging material	type(s): Paper -Corrugated Dou type(s): Plastic - Solid EPE (so type(s): Plastic - Solid EPE (so type(s): Plastic - LDPE (low de type(s): Plastic - LDPE (low de type(s): Paper - Corrugated sir	lid Expanded polye lid Expanded polye nsity polyethylene) nsity polyethylene)	ethylene) weig ethylene) weig weight (kg): 0.0 weight (kg): 0.0	40			
P13.2*	Product	plastic primary pack	aging is free from PVC.				\boxtimes		
P13.3*	For product primary corrugated fiberboard packaging, specify the contained percentage of minimum post-								
P13.4*	Specify	media for user and p tronic, 🔀 Paper, 🗌	product documentation (tick box)	:					
P13.5	Ùser an		em if paper documentation used ation on paper media is chlorine				\boxtimes		
	Elemen	chlorine-free tal chlorine-free sed chlorine-free							
P14	Volunta	ry programs							
P14.1	The pro	duct meets the requi	rements of the following volunta	ry program(s):					
	Eco-lab Eco-lab	el: Low blue light el: Flicker Free el: Energy Star el: EPEAT-Silver	Criteria version: 2 <i>PfG</i> 2383 Criteria version: 2 <i>PfG</i> 1797 Criteria version: 8.0 Criteria version: 2019	Date: 2023.1.13 Date: 2023.1.13 Date: 2022.12.8 Date: 2023.3.17	Product catego Product catego Product catego Product catego	ory: Perso ory: Comp	nal Comput outer		
P15		nal information (Se							
P 9	Energy consumption of specific configuration may vary; description of the tested product configuration: CPU : Intel i7-1360P ; GPU : NA ; RAM : 16G ; Storage : 1T HDD +1TB SSD ; OS :WIN11								
	the info supplie informa	ormation contained r's knowledge avai ation. The informati	representations, guarantees, in this document. All informat lable at the time of completior on provided here is approxima or more information.	tion provided by su n, and supplier shal	pplier in this de Il have no oblig	ocument is ation to up	s provided odate such	based	l on
P9			Notebooks & Tablet Compute /index.cfm?fuseaction=find_a			v_code=C	0		

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 neo 30a 24 Gen 4 / Yangtian S660 24IRH	Logo		
Model Number	12JY,12K1,12K0,12K2,F0HD,F0HE	Lonov		
Issue Date	2023.2.23	Lenov	O	
Additional information	Low blue light;Flicker Free;Energy Star (12K0;12K2) ;EPEAT Silver (12K0;12K2)			

P7.1.1 Product environmental attributes							
(d)	year of manufacture:				2023		
(e)	Etec value (kWh) per ErP Lot 3 Ca disabled and if the system is tested				cards (dGfx) are		
(f)	Etec value (kWh) per ErP Lot 3 Category and capability adjustments applied when all discrete graphics cards (dGfx) are enable						
		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]				16		
ents tting	Additional internal storage	(Yes / No)	(Yes / No)	(Yes / No)	Yes (Yes / No)		
capability adjustments applied during testing	Discrete television tuner	(Yes / No)	(Yes / No)	(Yes / No)	No (Yes / No)		
ability a	Discrete Audio Card	(Yes / No)	(Yes / No)	(Yes / No)	No (Yes / No)		
cap	Discrete graphics Card(s) [number / #	#] #: (Yes / No)	#: (Yes / No)	#: (Yes / No)	No #: (Yes / No)		
	Category of discrete graphics Card(s)			N/A		
esults	Etec Value (kWh) - dGfx disable all discrete graphics cards (dGfx) are disabled/ UMA is active for switchable graphics/ product has no graphics cards (dGfx)	ed			20.20		
Test results	Etec Value (kWh) - dGfx enable all discrete graphics cards (dGfx) are enabled	d			N/A		
(g)	Idle state power demand (Watts);		I		4.935		
(h)	Sleep mode power demand (Watts));			1.095		
(i)	Sleep mode with WOL enabled pov	ver demand (Watts) (where	enabled);		0.499		
(j)	Off mode power demand (Watts);				0.504		
(k)	Off mode with WOL enabled power	demand (Watts) (where en	abled);		0.467		
(I)	(I) Internal power supply efficiency at 10 %, 20 %, 50 % and 100 % of rated output power (if applicable): N/A						
(m)	External power supply efficiency (if	applicable)*:					
	Average active efficiency: Level VI PA-1900-74FS 25% 88.28 50% 90.22 75% 90.34 100% 89.58 Average 89.61%						
	ADP-90ME BA 25% 88.28 5	0% 90.7 75% 90.81 100%	6 90.29 Average	90.02%			
	A22-090P1A 25% 91.76 50	% 88.28 75% 89.19 100%	6 89.37 Average	89.65%			
	*internal note: show values for all available external power supplies						

(0)	Minimum number of loading cycles that the batteries can withstand (applies only to notebook 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:	
(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:	
	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.	
	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 condition which does not exceed the applicable power demand requirements for sleep mode (in minutes):	10 minutes
(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):	10 minutes
(w)	Information on the energy-saving potential of power management functionality:	
	N/A	

(x)	User information on h	now to enable the power management f	unctionality:					
(**)	••••	Based on user manual-Set the	-					
	Set the power	0	, ,					
		compliant computers, the following power pla	an takes effect	when your computers have				
	• turn off the display	: After 10 minutes						
	 put the computer t 	o sleep: After 10 minutes						
	To awaken the compu	uter from Sleep mode, press any key on your	keyboard.					
	To reset the power pla	an:						
		attery status icon and select Power Options .						
	2. Choose or customize a power plan of your preference.							
Enable or disable the ErP LPS compliance mode								
		eet the eco-design requirements of the ErP Lo	ot 3 regulation.	For more information, go				
	to: https://www.lenovo.com	m/us/en/compliance/eco-declaration						
	You can enable the Er is off or in sleep mode	P LPS compliance mode to reduce the const	umption of elec	ctricity when the computer				
To enable or disable the ErP LPS compliance mode:								
	1. Restart the computer. When the logo screen is displayed, press F1 or Fn+F1.							
		Enhanced Power Saving Mode and press E ether you select Enabled or Disabled, do on		ing:				
		nabled, press Enter. Then, select Power \rightarrow A						
	Check whether the Wake on LAN feature is disabled automatically. If no, disable it.							
 If you select Disabled, press Enter. Then, go to the next step. Press F10 or Fn+F10 to save the changes and exit. 								
When the ErP LPS compliance mode is enabled, you can wake up the computer by doing one of the following:								
	 Press the power but 	itton.						
	Enable the Wake U	p on Alarm feature to make the computer wa	ke up at a set t	ime.				
	To meet the off mode	requirement of ErP compliance, you need to	disable the Fa	st Startup function.				
		nel and view by large icons or small icons.	Change					
	unavailable.	ons → Choose what the power buttons do	→ Change se	aungs mat are currently				
	3. Clear the Turn on	n fast startup (recommended) option from the	he Shutdown :	settings list.				
(z)	Test parameters for r	neasurements: — test voltage in V and	frequency in	Hz, — total harmonic				
	distortion of the electronic set-up and circuits us	ricity supply system, — information and ed for electrical testing:	documentati	on on the instrumentation,				
		C C						
		Test voltage in V and frequency in Total harmonic distortion of the electricity s						
	Instrument	Range Used	upply system:	<u>=2%</u>				
	Туре	Or ***	-	Make and Model **				
	AC Power Source		EXT	ECH;6810;SN:1450172				
	Power Meter	0~200V;0~20A		AWA;WT210;SN:91H427511				
	Hygrothermograph	n −20 to 50°C;20 to 90%		SEKONIC;ST-50				
	Light Measuring	1°; 0.01 to 999,900 cd/m2	К	onica Minolta;LS-150				
Additiona	I Notebook Batter	v Information						
Additiona	Battery[ies] not user replaceable		Battery[ies] user replaceable	n/a				
	The battery[ies] in this product cannot be easily replaced by users themselves. ¹⁾							
Internal/bu	ilt-in Battery							
External/de	etachable Battery							

Bios Backup Battery			
Other:			
Additional information			

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 sostitiwita/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 ușor înlocuită (înlocuite) de utilizatorii înșiși.

Batériu(-ie) v tomto výrobku nemôže výmieňať 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.