

Product environmental attributes - THE ECO DECLARATION

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

Brand *	EPSON	Logo
Company name *	Seiko Epson Corporation	EDCON
	EPSON Europe B.V. environment@epson.eu	EPSON EXCEED YOUR VISION
Internet site *	http://www.epson.com	
Additional information		

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 *	POS Printer			
Commercial name *	TM-T88VI-iHUB USB+Ethernet+Wifi Series			
Model number *	TW-100VI-IIIOD OOD+Littlettiet+Will Genes			
Issue date *	ovember 10, 2021			
Intended market *	☐ Global ☑ Europe ☐ Asia,Pacific ☐ Americas ☐ Other			
Additional information				

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

Quality control			nt met
Item		Yes	No
QC1 *	The company enforces an internal quality control scheme to ensure the correctness of this eco declaration	<b>V</b>	
QC2 *	The company is a member of an eco declaration system that enforces regular independent quality control such as organized by IT-Företagen (see www.itecodeclaration.org).	<b>V</b>	

Model number *	TM-T88VI-iHUB USB+Ethernet+Wifi Series		
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	Product environmental attributes - Legal requirements			
Item		Yes	No	n.a.
P1	Hazardous substances and preparations			
P1.1*	Products do not contain more than; 0.1% lead, 0.01% cadmium, 0.1% mercury, 0.1% hexavalent chromium, 0.1% polybrominated biphenyls (PBB) or 0.1% polybrominated diphenyl ethers (PBDE). (See legal reference and Note B1)	<b>V</b>		
P1.2*	Products do not contain Asbestos (see legal reference).  Comment: Legal reference has no maximum concentration value.	$\checkmark$		
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.	<b>V</b>		
P1.4*	Products do not contain more than; 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated terphenyl (PCT) in preparations (see legal reference).	<b>√</b>		
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).	<b>✓</b>		
P1.6*	Textile and leather parts with direct skin contact do not contain Tri-(2,3,-dibromopropyl)-phosphate (TRIS), Tris-(aziridinyl)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (see legal reference).  Comment: Legal reference has no maximum concentration values.			<b>V</b>
P1.7*	Textile and leather parts with direct skin contact do not contain more than 0.003% Azo colorants that split aromatic amines. (See legal reference and Note B1)			<b>V</b>
P1.8*	Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as pentachlorophenol and derivatives (see legal reference).  Comment: Legal reference has no maximum concentration values.			<b>V</b>
P1.9*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5 microgram/cm2/week (see legal reference).  Comment: Max limit in legal reference when tested according to EN1811:1998.			<b>✓</b>
P1.10*	REACH Article 33 information about substances in articles is available at (add URL or mail contact): http://www.epson.com/	<b>V</b>		
P2	Batteries			
P2.1*	If the product contains a battery or an accumulator, it is labeled with the disposal symbol and if it contains more than 0.0005% of mercury (for button cells only) by weight, or more than 0.004% of lead, it shall be marked with the chemical symbol for the metal concerned, Hg or Pb. Information on proper disposal is provided in user manual. (See legal reference)			V
P2.2*	Button cells used in the product do not contain more than 2% by weight of mercury. Other batteries or accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference)			<b>V</b>
P2.3*	Batteries and accumulators are easily removable by either users or service providers (as dependent on the design of the product). Exception: Batteries that are permanently installed for safety, performance, medical or data integrity reasons do not have to be "easily removable". (See legal reference)			<b>V</b>
P3	Safety, EMC connection to the telephone network and labeling			
P3.1*	The product complies with legally required safety standards as specified (see legal reference).	<b>V</b>		
P3.2*	The product complies with legally required standards for electromagnetic compatibility (see legal reference).	<b>V</b>		
P3.3*	If product is intended for connection to a public telecom network or contains a radio transmitter, it complies with legally required standards for radio and telecommunication devices (see legal reference).	V		
P3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).	<b>✓</b>		
P4	Consumable materials			
P4.1*	If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium max 0.01% (see legal reference and Note B1).			<b>V</b>
P4.2* P4.3*	If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference). If the ink/toner formulation/preparation is classified as hazardous according to applicable regulations, the			<b>V</b>
	product/packaging is adequately labeled and a Safety Data Sheet (SDS) in accordance with these requirements is available (see legal reference).			✓
P5	Product packaging			
P5.1*	Packaging and packaging components do not contain more than 0.01% lead, mercury, cadmium and hexavalent chromium by weight of these together.	<b>~</b>		
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).		<b>V</b>	
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference).  Comment: Legal reference has no maximum concentration values.	<b>√</b>		
1	Commont. Logar reference has no maximum concentration values.			

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Produ	ct environmental attributes - Market requirements - Environmental conscious design	Require	ement	met
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.
P6	Treatment information			
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	<b>V</b>		
P7	Design			
	Disassembly, recycling			
P7.1*	Parts that have to be treated separately are easily separable.	<b>~</b>		
P7.2*	Plastic materials in covers/housing have no surface coating.		<b>✓</b>	
P7.3*	Plastic parts >100g consist of one material or of easily separable materials.	<b>~</b>		
P7.4*	Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043.	<b>~</b>		
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).	<b>V</b>		
	Product lifetime			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives.			<b>V</b>
P7.8*	Upgrading can be done using commonly available tools.			<b>V</b>
P7.9.	Spare parts are available after end of production for: years			
P7.10	Service is available after end of production for: years			
	Material and substance requirements			
P7.11*	Product cover/housing material type:			
	Material type: PC-ABS Material type: Material type:			
P7.12	Electrical cable insulation materials of power cables are PVC free.			
P7.13	Electrical cable insulation materials of signal cables are PVC free.			
P7.14	All cover/housing plastic parts >25g are free from chlorine and bromine.			
P7.15	All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See N	ote 🗀)		
P7.16	Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4:			
	Marking:		Ш	
P7.17	Alt. 1			
	Chemical specifications of flame retardants in printed circuit boards >25g (without components):		Ш	Ш
	TBBPA (additive) TBBPA Other; chemical CAS #:			
	Alt. 2			
	Chemical specifications of flame retardants in printed circuit boards (without components) >25g according			
	ISO 1043-4:			
P7.18	Alt. 1			
	Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in	Ш	Ш	Ш
	concentrations above 0.1%:  Comment: No legal limits exist, this is a market requirement.			
	Comment. No legal limits exist, this is a market requirement.			
	1. Chemical name: CAS #:			
	2. Chemical name: CAS #:			
	3. Chemical name: CAS #:			
	Alt. 2			
	Chemical specifications of flame retardants in plastic parts >25g according ISO 1043-4:			
D7.40	Disable wants 200 man from from the man flame and and an included the control of			
P7.19	Plastic parts >25g are free from flame retardant substances/ preparations above 0.1% classified as R45, R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)			
	• • • • • • • • • • • • • • • • • • • •		Ш	Ш
P7.20	Of total plastic parts weight >25g, recycled material content is %			
P7.21	Of total plastic parts weight >25g, biobased material content is %			
P7.22	Light sources are free from mercury.			
DO	If mercury is used specify: Number of lamps: and max. mercury content per lar mg			
P8	Batteries			
P8.1*	Battery chemical composition:			<b>✓</b>
P8.2	Batteries meet the requirements of the following voluntary program/s:			

Note B2: IEC61249-2--21 has maximum limits for chlorine and bromine but does not address fluorine, iodine and astatine which are included in the group of halogens.

Note B3: 'Starting from January 2009, Risk phrases can be replaced by Hazard phrases according to the Globally Harmonized System (GHS), mandatory by December 2010.

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Product environmental attributes - Market requirements (continued)  Requirement me						
Item	· , , , , , , , , , , , , , , , , , , ,					
P9 Energy consumption						
P9.1 For the product the	following power levels	or energy consum	otions have been m	easured:		
Energy mode *	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference / Standard for energy modes and test method *		
Save 1	W	W	1.5 W	Based on SEIKO EPSON Standar		
Off 1	W	W	0.06 W	Based on SEIKO EPSON Standar		
	W	W	w			
	W	W	W			
	W	W	W			
	W	W	W			
EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.)	w	w	w			
PTEC * Typical Energy Consumption	W	W	W		<b>V</b>	
TEC * Typical Energy Consumption	kWh/week	kWh/weel	kWh/we	ek	7	
ETEC * Annual Energy Consumption	kWh/year	kWh/year	kWh/year kWh/year		<b>V</b>	
Display resolution * :	Megapixels				$\checkmark$	
Print Speed * :	27 Images per n	ninute				
Default time to enter energy sa		minutes				
	ne energy save function		-	✓ □		
· ·	the energy requiremen	=		<u> </u>	_	
ENERGY STAR® Others specify:	version Ver3.0	Tier:	Product cate	gory:		
P10 Emissions						
	Declared according to I	SO 9296				
P10.1 Mode N	Mode description		Declared A-weighted sound power level L <sub>WAd</sub> (B)	Declared A-weighted sound pressure level L <sub>pAm</sub> (dB)  Operator position Bystander positions		
Idlo	* Idalina		Inaudible B	Desktop (only if product is not operator attended)		
Idle Operation	* Idoling * Operation	***		dB dB	┧∐	
Operation Other mode	Орегация		6.6 B	dB dB	┨└┘	
Measured according	g to: 📝 ISO7779 📋	ECMA-74		.74 with L <sub>pAm</sub> measurement distanc m	1	
P10.2 The product meets	the acoustic noise requ				<u>′</u>	

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Produc	t environmental attributes - Market requirements (continued)	Require	ement	met	
Item		Yes	No	n.a.	
	Chemical emissions from printing products				
P10.3*	Test performed according to ECMA-328(ISO/IEC28360) standard,other specify: RAL-UZ122		<b>V</b>		
P10.4	Typical emission rate (print phase) is (mg/h):				
	Dust Ozone Styrene Benzene TVOC				
P10.5	Chemical emission requirements of the following voluntary program are met for :				
	Dust ☐ Ozone ☐ Styrene ☐			_	
	Benzene TVOC				
	Electromagnetic emissions				
P10.6	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary				
	program/s:			_	
P11	Consumable materials for printing products				
P11.1*	A Safety Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P4.3).			<b>V</b>	
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of				
	EN12281.			<b>✓</b>	
P11.3*	2-sided (duplex) printing/copying is an integrated product function.				
P12	Ergonomics for computing products				
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.				
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.				
P13	Packaging and documentation				
P13.1*	Product packaging material type(s): Corrugated Fibreboard weight (kg) 0.411				
	Product packaging material type(s): Foamed PS weight (kg) 0.039				
	Product packaging material type(s): PE weight (kg) 0.02				
P13.2*	Product plastic packaging is free from PVC.	<b>✓</b>			
P13.3*	Specify media for user and product documentation (tick box):				
	Electronic				
P13.4*	For paper user and product documentation, please specify contained percentage of post-consumer recycled	t			
	fiber 0 %				
P14	Additional information (See Note B4)				
P7	Product main body is recyclable.  □ <55% 55% ≦ ✓ Not includes acc			ons.	
	This should not i	nclude th	ermal		

## **Legal references Europe Annex B**

Reference	Declaration item
2002/95/EC (ROHS Directive)	P1.1, P4.1
76/769/EEC (Marketing and Use Directive)	P1.6, P1.8, P4.2
amendment 89/677/EEC	P1.4
amendment 1999/77/EC	P1.2
amendment 2003/3/EC	P1.7
amendment 94/27/EEC	P1.9
Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000	P1.3
Norwegian regulation relating to restrictions on the use	P1.5
of certain dangerous chemicals 20.12.2002	
2006/66/EC (Battery and accumulators Directive)	P2.1, P2.2, P2,3, P3.4, P8.1
2006/95/EC (Low Voltage Directive)	P3.1, 3.4
2004/108/EEC (New EMC Directive)	P3.2, 3.4
1999/5/EC (R&TTE Directive)	P3.3, 3.4
"REACH" Regulation (1907/2006), annex VII	P1.10
(EC) No.1272/2008 regulation on classification, labeling and	P4.3
packaging (CLP)	
REACH article 31, annex II	P4.3
2004/12/EC (Directive on packaging and packaging	P5.1
waste)	
(97/129/EC) (Commission Decision on Identification	P5.2
System for Packaging Materials	
2037/2000/EC Regulation on Substances that Deplete	P5.3
the Ozone Layer	
2002/96/EC (WEEE directive)	P3.4, P6.1
(EC) No.1272/2008 regulation on classification, labeling and	P7.19
packaging (CLP)	