


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 |  |
| Company name * | Seiko Epson Corporation | |
| Contact information * | EPSON Europe B.V. environment@epson.eu | |
| Internet site * | http://www.epson.com | |
| Additional information | | |

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 * | |
| Issue date * | November 10, 2021 |
| Intended market * | <input type="checkbox"/> Global <input checked="" type="checkbox"/> Europe <input type="checkbox"/> Asia,Pacific <input type="checkbox"/> Americas <input type="checkbox"/> Other |
| Additional information | |


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

| Quality control | | Requirement met | |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------|
| Item | | Yes | No |
| QC1 * | The company enforces an internal quality control scheme to ensure the correctness of this eco declaration | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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). | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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| Model number * | TM-T88VI-iHUB USB+Ethernet+Wifi Series | Logo  |
| Issue date * | November 10, 2021 | |

| Product environmental attributes - Legal requirements | | Requirement met | | |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 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) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| P1.2* | Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| P1.3* | Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbon tetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| P1.4* | Products do not contain more than; 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated terphenyl (PCT) in preparations (see legal reference). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 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). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 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. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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) | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P1.10* | REACH Article 33 information about substances in articles is available at (add URL or mail contact): http://www.epson.com/ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 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) | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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) | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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) | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P3.2* | The product complies with legally required standards for electromagnetic compatibility (see legal reference). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 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). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P3.4* | The product is labeled to show conformance with applicable legal requirements (see legal reference). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 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). | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P4.2* | If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference). | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P4.3* | If the ink/toner formulation/preparation is classified as hazardous according to applicable regulations, the product/packaging is adequately labeled and a Safety Data Sheet (SDS) in accordance with these requirements is available (see legal reference). | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| P5.2* | Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference). | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Note 1 Restriction applies to the homogeneous material, unless other specified and expressed in weight %.

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| Product environmental attributes - Market requirements (continued) | Requirement met |
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| Item | Yes | No | n.a. |
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| P9 Energy consumption |
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P9.1 For the product the following power levels or energy consumptions have been measured:

| 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 | <input type="checkbox"/> |
| Off 1 | W | W | 0.06 W | Based on SEIKO EPSON Standar | <input type="checkbox"/> |
| | W | W | W | | <input type="checkbox"/> |
| | W | W | W | | <input type="checkbox"/> |
| | W | W | W | | <input type="checkbox"/> |
| | W | W | W | | <input type="checkbox"/> |
| EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.) | W | W | W | | <input type="checkbox"/> |
| PTEC * Typical Energy Consumption | W | W | W | | <input checked="" type="checkbox"/> |
| TEC * Typical Energy Consumption | kWh/week | kWh/week | kWh/week | | <input checked="" type="checkbox"/> |
| ETEC * Annual Energy Consumption | kWh/year | kWh/year | kWh/year | | <input checked="" type="checkbox"/> |
| Display resolution * : | Megapixels | | | | <input checked="" type="checkbox"/> |
| Print Speed * : | 27 Images per minute | | | | <input type="checkbox"/> |
| Default time to enter energy save mode: | minutes | | | | <input type="checkbox"/> |
| P9.2* | Information about the energy save function is provided with the product | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| P9.3* | The product meets the energy requirements of the following voluntary program/s: ENERGY STAR® version Ver3.0 Tier: Product category: | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Others specify: | | | <input type="checkbox"/> | <input type="checkbox"/> |

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| P10 Emissions |
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| Noise emission – Declared according to ISO 9296 |
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| P10.1 | Mode | Mode description | Declared A-weighted sound power level L _{WAd} (B) | Declared A-weighted sound pressure level L _{pAm} (dB) | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------|------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------|
| | | | | Operator position <input type="checkbox"/> | Bystander positions <input type="checkbox"/> (only if product is not operator attended) | |
| | Idle | * Idling | * Inaudible B | | | <input type="checkbox"/> |
| | Operation | * Operation | * 6.6 B | | | <input type="checkbox"/> |
| | Other mode | | B | | | <input type="checkbox"/> |
| Measured according to: <input checked="" type="checkbox"/> ISO7779 <input type="checkbox"/> ECMA-74 <input type="checkbox"/> Other (only if not covered by ECMA-74 with L _{pAm} measurement distance m) | | | | | | |
| P10.2 | The product meets the acoustic noise requirements of the following voluntary program/s: | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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| Product environmental attributes - Market requirements (continued) | | Requirement met | | |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------|-------------------------------------------------------------------------|
| Item | | Yes | No | n.a. |
| Chemical emissions from printing products | | | | |
| P10.3* | Test performed according to ECMA-328(ISO/IEC28360) standard <input type="checkbox"/> ,other specify: RAL-UZ122 <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| P10.4 | Typical emission rate (print phase) is (mg/h): Dust Ozone Styrene Benzene TVOC | | | <input type="checkbox"/> |
| P10.5 | Chemical emission requirements of the following voluntary program are met for : Dust <input type="checkbox"/> Ozone <input type="checkbox"/> Styrene <input type="checkbox"/> Benzene <input type="checkbox"/> TVOC <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Electromagnetic emissions | | | | |
| P10.6 | Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 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). | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P11.2* | Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN12281. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P11.3* | 2-sided (duplex) printing/copying is an integrated product function. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| P12 Ergonomics for computing products | | | | |
| P12.1* | The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P12.2* | The physical input device meets the requirements of ISO 9995 and ISO 9241-410. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P13.3* | Specify media for user and product documentation (tick box): Electronic <input checked="" type="checkbox"/> Paper <input checked="" type="checkbox"/> Other <input type="checkbox"/> | | | <input type="checkbox"/> |
| P13.4* | For paper user and product documentation, please specify contained percentage of post-consumer recycled fiber 0 % | | | <input type="checkbox"/> |
| P14 Additional information (See Note B4) | | | | |
| P7 | Product main body is recyclable. | <input type="checkbox"/> <55% | 55% ≤ <input checked="" type="checkbox"/> | Not includes accessories or options. This should not include thermal |
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Legal references Europe Annex B

| Reference | Declaration item |
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| 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 of certain dangerous chemicals 20.12.2002 | P1.5 |
| 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 packaging (CLP) | P4.3 |
| REACH article 31, annex II | P4.3 |
| 2004/12/EC (Directive on packaging and packaging waste) | P5.1 |
| (97/129/EC) (Commission Decision on Identification System for Packaging Materials) | P5.2 |
| 2037/2000/EC Regulation on Substances that Deplete the Ozone Layer | P5.3 |
| 2002/96/EC (WEEE directive) | P3.4, P6.1 |
| (EC) No.1272/2008 regulation on classification, labeling and packaging (CLP) | P7.19 |