


THE ECO DECLARATION



Product environmental attributes – THE ECO DECLARATION


Brand *	<i>Hewlett-Packard</i>	Logo 
Company name *	<i>Hewlett-Packard Company</i>	
Contact information *	<i>Hans Wendschlag</i> http://www.hp.com/hpinfo/globalcitizenship/environment/contactemail.html	
Internet site *	http://www.hp.com/hpinfo/globalcitizenship/environment/	
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 *	<i>LaserJet Printer</i>
Commercial name *	<i>HP LaserJet Pro P1102w Printer</i>
Model number *	<i>HP LaserJet Pro P1102w Printer</i>
Issue date *	<i>2010-03-10</i>
Intended market *	<input checked="" type="checkbox"/> Global <input type="checkbox"/> Europe <input type="checkbox"/> Japan <input type="checkbox"/> U.S. <input type="checkbox"/> Other
Additional information	


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The declaration may be published only when all rows and/or fields marked with a * are filled-in (n.a. for not applicable).


Quality Control		Requirement met	
Item	Additional information regarding each item may be found under P14.	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 http://www.itforetagen.se).	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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Product environmental attributes - Legal requirements		Requirement met		
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.
P1 Hazardous substances and preparations				
P1.1*	Products do not contain lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) as specified in <i>EU 2002/95/EC and its amendments</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.2*	Products do not contain Asbestos (<i>EU 76/769/EEC, amendment 1999/77/EC</i>)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (<i>EU : Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000</i>)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.4*	Products do not contain polychlorinated biphenyl (PCB), polychlorinated terphenyl (PCT), (<i>EU 76/769/EEC</i>)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.5*	Products do not contain short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP as specified in <i>Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002</i>	<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-(aziridiny)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (<i>EU 76/769/EEC</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P1.7*	Textile and leather parts with direct skin contact do not contain Azo colourants that split aromatic amines as specified in <i>EU 76/769/EEC, amendment 2003/3/EC</i>	<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 (<i>EU 76/769/EEC</i>)	<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 higher than specified in <i>76/769/EEC, amendment 94/27/EEC</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P2 Batteries				
P2.1*	If hazardous batteries (as defined in <i>91/157/EEC</i>) are used in the product they are easily removable and labelled with the disposal and the substance logo (as defined in <i>91/157/EEC, 93/86/EEC</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P2.2*	If batteries are used in the product they do not contain mercury in concentrations higher than specified in <i>91/157/EEC</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P2.3*	If batteries are permanently installed in the product, information on the environmentally hazardous substances and safe removal method is listed in the user manual (<i>91/157/EEC</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P3 Electrical safety, EMC and connection to the telephone network				
P3.1*	The product meets the Low Voltage Directive (LVD) regarding electrical safety (<i>73/23/EEC & 93/68/EEC</i>)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.2*	The product meets the EMC Directive regarding electromagnetic compatibility (<i>89/336/EEC / 2004/108/EEC after June, 20th 2007</i>)	<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 meets the EU R&TTE Directive (<i>1999/5/EC</i>)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.4*	The product is CE-marked and a Declaration of Conformity is available (<i>93/68/EEC</i>)	<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 in concentrations higher than specified in (<i>76/769/EEC and 91/338/EEC</i>)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P4.2*	If ink/toner is used in the product, it does not contain cadmium in concentrations higher than specified in (<i>76/769/EEC and 91/338/EEC</i>)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P4.3*	If the ink/toner formulation/preparation is classified as hazardous according to EU Directive 1999/45/EC, and as amended, the product/packaging is labelled and a Material Safety Data Sheet (MSDS) in accordance with (<i>99/45/EC & 2001/58/EC</i>) is available.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P5 Product packaging				
P5.1*	The sum of the concentration levels of lead, cadmium, mercury, and hexavalent chromium present in packaging or packaging components does not exceed 0,01% by weight (<i>94/62/EC</i>).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043. (<i>97/129/EEC</i>)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P5.3*	The product packaging material is free from CFC/HCFC.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P6 Treatment information				
P6.1*	Information for recyclers/treatment facilities (e.g. as requested by 2002/96/EC) is available.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Product environmental attributes - Market requirements - Environmental conscious design				Requirement met		
Item	* = mandatory to fill in. Additional information regarding each item may be found under P14.			Yes	No	n.a.
P7 Design, Disassembly, recycling						
P7.1*	Parts that have to be treated separately are easily separable			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.2*	Plastic materials in covers/housing have no surface coating.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.3*	Plastic parts >100g consist of one material or of easily separable materials.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.4*	Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product lifetime						
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.8*	Upgrading can be done using commonly available tools			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.9.	Spare parts are available after end of production for: 3 years					<input type="checkbox"/>
P7.10	Service is available after end of production for: 3 years					<input type="checkbox"/>
Material and substance requirements						
P7.11*	Product cover/housing material type: Material type: ABS-FR(40) Material type: PC+ABS-FR(40) Material type:					
P7.12*	Electrical cable insulation material of power cables are halogen free (including PVC)			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.13*	Electrical cable insulation material of signal cables are halogen free (including PVC)			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.14	All cover/housing plastic parts >25g are halogen free			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.15	All printed circuit boards (without components) >25g are halogen free			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.16	Chemical specifications of flame retardants in cover / housing plastic parts >25g according ISO 1043-4: 40			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.17	Chemical specifications of flame retardants in printed circuit boards (without components) >25g according ISO 1043-4: 16, 40			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.18	Weight of recycled material in plastic parts is 49 grams					
P7.19	Plastic parts >25g are free from flame retardant substances/preparations above 0.1% classified as R45/46, R50/51/53 and R60/61 (67/548/EEC)			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.20	Light sources are free from mercury If mercury is used specify: Number of lamps: and max. mercury content per lamp: mg			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P8 Batteries						
P8.1*	Product does not contain batteries defined as hazardous according to 91/157/EEC			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P8.2*	Battery chemical composition:					<input checked="" type="checkbox"/>
P8.3	Batteries meet the requirements of the following voluntary program/s:					<input checked="" type="checkbox"/>
P9 Energy consumption						
9.1	For the product the following power levels or energy consumptions have been measured:					
Mode	Power level at Volts	Time (s) to <mode>	Mode description	Reference/Standard	n.a.	
On-max	W		*	*		<input type="checkbox"/>
On-normal	W	to	*	*		<input type="checkbox"/>
On-idle	W	to	*	*		<input type="checkbox"/>
Save 1	W	to	*	*		<input type="checkbox"/>
Save 2	W	to	*	*		<input type="checkbox"/>
Off 1	W	to	*	*		<input type="checkbox"/>
Off 2	W	to	*	*		<input type="checkbox"/>
No load	W		External power supplies/charger plugged in but disconnected from the product	*		<input type="checkbox"/>
TEC	* kWh/y Typical Energy Consumption per year			*		<input type="checkbox"/>
P9.2*	Information about the energy save function is provided with the product.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P9.3	The product meets the energy requirements of the following voluntary program/s: ENERGY STAR® MOU Others specify:			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Product environmental attributes - Market requirements (continued)					Requirement met				
Item	* = mandatory to fill in. Additional information regarding each item may be found under P14.					Yes	No	n.a.	
P10 Emissions									
Noise emission – Declared according to ISO 9296									
P10.1	Mode	Mode description	Declared A-weighted sound power level $L_{WA,d}$ (B)	Declared A-weighted sound pressure level L_{pAm} (dB)					
				Operator position <input type="checkbox"/>	Bystander positions <input checked="" type="checkbox"/>				
				Desktop <input type="checkbox"/> or Deskside <input type="checkbox"/>	(only if product is not operator attended)				
	Idle	* Ready	* Inaudible	Inaudible					
	Operation	* Printing	* 6.4	50					
	Other mode								
	Measured according to: <input checked="" type="checkbox"/> ISO 7779 <input checked="" 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: Blue Angel, Nordic Swan					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Chemical emissions from printing products									
P10.3*	Test performed according to ECMA-328 standard <input type="checkbox"/> , other specify: RAL-UZ 122 The test covers: Dust <input checked="" type="checkbox"/> Ozone <input checked="" type="checkbox"/> Styrene <input checked="" type="checkbox"/> Benzene <input type="checkbox"/> TVOC <input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P10.4	The product meets the chemical emission requirements of the following voluntary program/s: Blue Angel					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Electromagnetic emissions									
P10.5	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s:					<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
P11 Consumable materials for printing products									
P11.1*	A Material Safety Data Sheet (MSDS) is available for the ink/toner preparation, even if not legally required (see P4.3).					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P11.2*	Paper containing recycled fibres that meets the requirements of EN12281 can be used.					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 computer system meets the ergonomic requirements of EN 29241-3, -7, -8 for CRT displays and EN-ISO13406-2 for flat panel displays.					<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
P12.2*	The product keyboard meets the requirements of ISO 9995 and EN 29241-4.					<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
P12.3*	The computer input device meets the requirements of ISO 9241-9.					<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
P13 Packaging and documentation									
P13.1*	Product packaging material type(s): Corrugate	weight (kg): 0.61				<input checked="" type="checkbox"/>	<input type="checkbox"/>		
	Product packaging material type(s): EPS	weight (kg): 0.071							
	Product packaging material type(s): LDPE (bag)	weight (kg): 0.04							
P13.2*	Product plastic packaging is halogen free (including PVC)					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P13.3*	User and product documentation do not contain chlorine bleached paper					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P13.4*	User and product documentation contain recycled paper					<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P14 Additional information									
P10	Acoustic noise information published on the ECMA 370 The Eco Declaration represents a typically configured product base model only. If optional items with moving parts are added, like extra hard disks or graphic cards with fans etc, these can change acoustic noise values for which HP can take no responsibility..								
P10.1	LJ Pro P1102w printing simplex on A4 paper								
P10.3	Based on test of LJ Pro P1102 printer using A4 paper printing simplex at 18 ppm								

P9	Energy consumption				
9.1	For the product the following power levels or energy consumptions have been measured:				
Mode	Power Consumption¹ (W)	Default Time Settings to Enter Energy Saving Mode (Min)			Reference Standard (test method)
Operating	370	Not Applicable			IEC 62301: Household electrical appliances - Measurement of standby power (Ver. 1.0) ²
Ready	2.7	Immediately after Operating mode ends			ENERGY STAR [®] Product for Imaging products (Ver. 1.0)
Sleep	2.0	5 minutes			ENERGY STAR [®] Product for Imaging products (Ver. 1.0)
Off	0.6	Not Applicable			ENERGY STAR [®] Product for Imaging products (Ver. 1.0)
Typical Electricity Consumption (TEC)	0.704 (kWh/week)				ENERGY STAR [®] Product for Imaging products (Ver. 1.0)
External Power Supply At No Load	Not Applicable	Not Applicable			ENERGY STAR [®] Program for External Power Supplies (Ver. 1.0)

1. Reported power is the highest level for all standard voltages this product series/model is sold at worldwide.
2. Uses all basic test conditions and methods established by this standard procedure and adapts them to measuring this power mode. However, this procedure does not specify measurement of this power mode.
3. Definitions:
 - a. **Operating:** The power state in which the product is connected to a power source and is actively transferring data, as well as performing any of its other primary functions.
 - b. **Ready:** The condition that exists when the product is not producing output, has reached operating conditions, has not yet entered into any lower-power modes, and can enter Active mode with minimal delay. All product features can be enabled in this mode, and the product must be able to return to Active mode by responding to any potential input options designed into the product. Potential inputs include external electrical stimulus (e.g., network stimulus, fax call, or remote control) and direct physical intervention (e.g., activating a physical switch or button).
 - c. **Sleep:** The reduced power state that the product enters automatically after a period of inactivity. In addition to entering Sleep automatically, the product may also enter this mode 1) at a user set time-of-day, 2) immediately in response to user manual action, without actually turning off, or 3) through other, automatically-achieved ways that are related to user behaviour. All product features can be enabled in this mode and the product must be able to enter Active mode by responding to any potential input options designed into the product; however, there may be a delay. Potential inputs include external electrical stimulus (e.g., network stimulus, fax call, remote control) and direct physical intervention (e.g., activating a physical switch or button). The product must maintain network connectivity while in Sleep, waking up only as necessary.
 - d. **Off:** The power state that the product enters when it has been manually or automatically switched off but is still plugged in and connected to the mains. This mode is exited when stimulated by an input, such as a manual power switch or clock timer to bring the unit into Ready mode. When this state is resultant from a manual intervention by a user, it is often referred to as Manual Off, and when it is resultant from an automatic or predetermined stimuli (e.g., a delay time or clock), it is often referred to as Auto-off.
 - e. **TEC:** A method of testing and comparing the energy performance of imaging equipment products, which focuses on the typical electricity consumed by a product while in normal operation during a representative period of time. The key criteria of the TEC approach for imaging equipment is a value for typical weekly electricity consumption, measured in kilowatt-hours (kWh). Detailed information can be found in the "ENERGY STAR Qualified Imaging Equipment Typical Electricity Consumption Test Procedure".
 - f. **EPS No-Load:** The condition in which the input of a power supply is connected to an AC source consistent with the power supply's nameplate AC voltage, but the output is not connected to a product or any other load.

P9.2*	Information about the energy save function is provided with the product.	Yes	No	N/A
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P9.3	The following product models qualify to the following voluntary programs: ENERGY STAR [®] Imaging Equipment Program (Version 1.0, Tier 1): HP LaserJet Pro P1102w			

NOTE:

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.