

STAR ECO Profile

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Issued by	Star Micronics Co., Ltd.

Product	Classification	POS printer		
	Model name	TSP100ECO		
	Basic information	Dimensions	Width 142mm × Depth 204mm × Height 132mm	
		Weight	Approx. 1.72kg *Main unit only, excluding roll paper	
Remarks				
Additional information				

Applicable Standard	EU RoHS&WEEE Directive, International ENERGY STAR program
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			applicable	N/A	exempt
1. Reactions against hazardous chemical substances	Main Unit Consumables Accessories	a. Main unit, consumables and accessories comply with EU RoHS standard.	■	□	□
		b. Main unit, consumables and accessories do not contain PCB (polychlorinated biphenyl) or PCT (polychlorinated terphenyl) which produces water pollution or dioxin when burnt.	■	□	□
		c. Main unit, consumables and accessories do not contain ozone depleting substances such as chlorinated organic compounds or organobromine compounds defined in Montreal Prot	■	□	□
		d. Main unit, consumables and accessories do not contain SCCP (short chain chlorinated paraffins) which produce environmental pollution.	■	□	□
		e. Housing plastic parts > 25g do not contain organic halogen compounds.	■	□	□
		f. Insulator of electric cable does not contain PVC (Polyvinyl Chloride) or organic halogen compounds.	□	■	□
		g. Printed circuit boards > 25g do not contain organic halogen compounds.	□	■	□
		h. Main unit, consumables and accessories do not contain cancer-causing asbest	■	□	□
		i. Chlorine bleaching agent is not used for attached documents.	□	■	□
	Battery	As the secondary battery, it does not use lead, cadmium, mercury, or their comp	□	□	■
	Packing	a. The packing of the main unit complies with EU RoHS standard.	■	□	□
		b. The packing of the main unit do not contain ozone depleting substances such as chlorinated organic compounds or organobromine compounds defined in Montreal Protoc	■	□	□
		c. The plastic material which is used for the packing of the main unit does not use PVC (Polyvinyl Chloride) which produces dioxin when burnt or organic halogen compounds which is harmful to human l	■	□	□
Procurement	No prohibited substance, which is defined in STAR Green Procurement Guideline, is contain	■	□	□	
2. Power consumption	a. The product has power saving mode. *After turning the power ON, it automatically transitions to the mode.	■	□	□	
	b. Information about electric power *Power supply type and electric power value (including power supply) at each mode are described Value :: when printing 28W at print ready 0.76W at system OFF 0.05W Measurement condition : Main unit TSP100ECO(I/F:USB) + built-in power supply				
3. Safety	Safety standard	The product acquires safety standard that is compatible with IEC60950.	■	□	□
	EMC	The product complies with EMC (Electromagnetic compatibility) directive.	■	□	□
4. Environment friendliness	Consideration at designing	a. The parts which requires to be separated are easily separated with general tools such us screwdriver	■	□	□
		b. The inlay metal for plastic parts is separated easily with general tools.	■	□	□
		c. Labels are peeled easily *except safety label	■	□	□
		d. Plastic parts are not painted nor plated to prevent from separation except functionally required at the very least.	■	□	□
		e. Plastic parts > 25g are displayed with the name of material.	■	□	□
		f. Housing plastic parts > 25g are displayed with the code of flame retardant.	■	□	□
		g. Printed circuit boards > 25g are displayed with the code of flame retardant.	□	■	□
	Product functions	The product has paper saving mode. Saving mode : reduced print function, reduced upper and lower margin functi	■	□	□
	Accessories Consumables	a. Attached documents are made of recycled paper, and they are not processed nor coated which prevents paper from recycling.	□	■	□
		b. To save paper, manuals are made of electronic data (web) or CD-ROM.	■	□	□
		c. Material Safety Data Sheet (MSDS) of ink ribbon is prepared.	□	□	■
	Battery	Secondary battery can easily be removed with one's bare hand or general tools.	□	□	■
	Product packing	a. To make recycling easier, material code of package is displayed except the pac which is difficult to display.	■	□	□
b. Package does not use expanded polystyrene (EPS).		■	□	□	
Production base	The products are manufactured at ISO14001 certified factory.	■	□	□	
Evaluation	Life cycle assessment is implemented and utilized.	■	□	□	
5. Resource saving	Recycled paper	Cardboard which is used for packing contains recycled used paper.	■	□	□
	Recycled plastic	Housing plastic parts > 25g are made of recycled plastic material. Percentage 10%	■	□	□
6. Product life	Parts reserve period	Service parts are reserved more than 5 years after finishing its production.	■	□	□