



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24191E

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan
<https://ecoleaf-label.jp/>

Canon Inc.

i-SENSYS MF465dw(For EU)



Functional unit

Per unit product

System boundary

- final products
- intermediate products

Raw Material acquisition, Production, Distribution, Use & maintenance, and End-of-Life stage

Main specifications of the product

Model name: i-SENSYS MF465dw(For EU)

Specifications

- Multi Functional Printer (Electrophotography)
- black and white
- Print Speed : Up to 40 ipm (A4)
- Max paper size : LGL
- Print/copy/FAX/scan/Duplex printing/ADF
- Weight: approx.15.52kg(All in one Cartridge not included)

Company Information

Canon Inc.
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+81-3-3758-2111

Registration#	JR-AI-24191E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	5/16/2024
Verification date	5/9/2024
Verification method	System certificaion
Verification#	JV-AI-24191
Expiration date	5/8/2029
PCR review was conducted by:	
Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

Third party verifier*

Hiroyuki Uchida

Independent verification of data & declaration in accordance with ISO14025

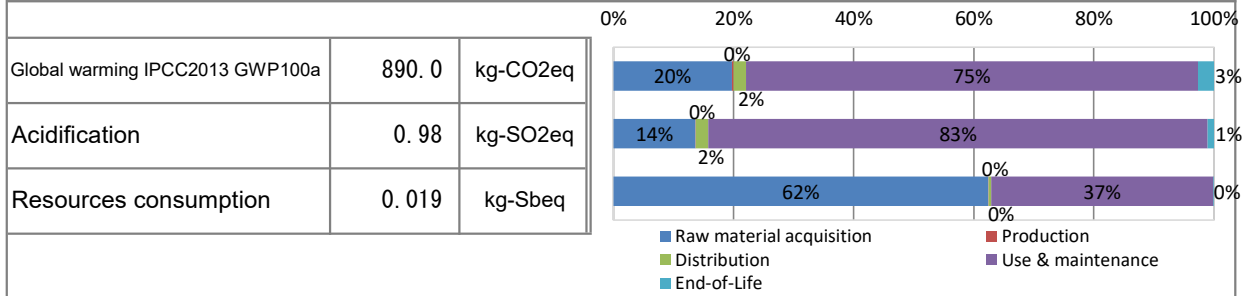
internal external

*Auditor's name is stated if system certification has been performed.

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1. Results of life cycle impact assessment (LCIA)



Parameter	stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a		kg-CO ₂ eq	8.9E+02	1.7E+02	2.8E+00	1.8E+01	6.7E+02	2.4E+01
Ozone layer destruction		kg-CFC-11eq	1.6E-04	2.2E-05	8.4E-09	1.3E-10	1.3E-04	2.0E-07
Acidification		kg-SO ₂ eq	9.8E-01	1.3E-01	4.7E-04	2.1E-02	8.1E-01	1.0E-02
Resources consumption		kg-Sbeq	1.9E-02	1.2E-02	1.1E-05	7.7E-05	6.9E-03	1.7E-05

2. Life cycle inventory analysis (LCI)

Parameter	Unit
Non-renewable energy resources	1.4E+04 MJ
Renewable primary energy	2.0E+02 MJ

3. Material composition

Material	Unit
Common Steel	23 %
Stainless Steel	0.22 %
Aluminium	0.21 %
Other Metal	1.4 %
Plastic	32 %
Rubber	2.4 %
Glass	2.8 %
Paper/Wood	30 %
Circuit Board	4.4 %
Others	2.9 %

5. Additional explanation

Calculated in the following conditions;

- Printing paper is not considered.
- Expected use period is 5 years.
- The standard scenario for Multifunction Device (EP type).
- UK / France / Germany / Italy / Spain / Portugal / Belgium / Netherland / Austria / Switzerland / Denmark / Sweden / Norway / Finland market.
- Print volume: 240,000 sheets.
- The applied Energy Star program version is 3.0.
- We evaluated the Ecoleaf with Canon's own data of raw materials weight and the general basic unit for the parts because it is difficult to collect the data for a couple of thousands of parts. Accordingly, the results may be different from the specific product specification. As such, please be advised that this result would be a rough estimate.



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6-1. Supplementary environmental information

Complies with the EU RoHS Directive (2011/65/EU) and its amendments including 2015/863/EU.

Manufactured at ISO 14001 certified factories.

7. Assumptions of secondary data used

IDEA v2.1.3, and registered data v1.13 of Japan EPD Program by SuMPO are used.

8. Remarks

- For data quantification, please refer to PCR and Rules on quantification and declaration.
- Comparative assertion is permitted only when Rules on quantification and declaration are satisfied.
(Reference URL : <https://ecoleaf-label.jp/regulation/>)

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