### Japan EPD Program by SuMPO

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

Canon Inc.

Registration number: JR-AI-24591E

IR1643IF II 220-240VAE(For NZ)



## **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: IR1643IF II 220-240VAE(For NZ) Specifications

- Multi Functional Printer (Electrophotography)
- · BW
- Print Speed: Up to 43 ipm (A4)
- · Max paper size : LGL
- Print/copy/scan/FAX/Duplex printing/ADF
- Weight: approx.19.0kg(Toner cartoridge not

#### **Company Information**

Canon Inc.

30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146-8501, Japan +81-3-3758-2111

Registration#	JR-AI-24591E	
PCR number	PA-590000-AI-08	
PCR name	Imaging input and/or output equipment	
Publication date	2/18/2025	
Verification date	2/7/2025	
Verification method	System certificaion	
Verification#	JV-AI-24591	
<b>Expiration date</b>	2/6/2030	
PCR review was conducted by:		
Approval date	9/1/2023	
PCR review	Masayuki Kanzaki	
panel chair	Sustainable Management Promotion Organization	

## Third party verifier\*

# Hiroyuki Uchida

Independent verification of data & declaration in accordance with ISO14025

□internal	■ external
	= CALCITIO

Registration number: JR-AI-24591E

<sup>\*</sup>Auditor's name is stated if system certification has been performed.

Registration number: JR-AI-24591E

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

1.8E-03

1.5E-05

1. Results of life cycle impact assessment (LCIA) 0% 20% 40% 60% 80% 100% 450 Global warming IPCC2013 GWP100a kg-CO2eq 52.4% 2.0% 36.5% 6.6% 52.4% 0.44% 1.8% Acidification 0.36 kg-SO2eq 0.18% 0.087% 89.4% Resources consumption 0.018 kg-Sbeq 0.21% Raw material acquisition ■ Production Distribution ■ Use & maintenance ■ End-of-Life stage Raw material Use & **Parameter** Unit Total acquisition Production Distribution maintenance End-of-Life Global warming IPCC2013 GWP100a kg-CO<sub>2</sub>eq 4.5E+02 2.3E+02 1.1E+01 8.8E+00 1.6E+02 2.9E+01 Ozone layer destruction kg-CFC-11eq 5.2E-05 2.8E-05 8.9E-09 8.3E-11 2.4E-05 2.2E-07 Acidification kg-SO<sub>2</sub>eq 3.6E-01 1.9E-01 1.6E-03 6.5E-03 1.5E-01 1.3E-02

1.6E-02

3.3E-05

2. Life cycle inventory analysis (LCI)				
Parameter		Unit		
Non-renewable energy resources	6.9E+03	MJ		
Renewable primary energy	9.7E+02	MJ		

kg-Sbeq

1.8E-02

3. Material composition			
Material		Unit	
Common Steel	21	%	
Stainless Steel	0.2	%	
Aluminium	0.5	%	
Other Metal	3.8	%	
Plastic	44	%	
Rubber	0.2	%	
Glass	3.1	%	
Paper/Wood	19	%	
Circuit Board	5.2	%	
Others	3.0	%	

3.7E-05

### 5. Additional explanation

Resources consumption

Calculated in the following conditions;

- Printing paper is not considered.
- Expected use period is 5 years.
- The standard scenario for Multifunction Device (EP type).
- · New Zealand market.
- · Print volume: 268,800 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.

### **Japan EPD Program by SuMPO**

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

## 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

Registration number: JR-AI-24591E

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/)

Registration number: JR-AI-24591E