



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-21071E-A

Ecoleaf Environmental Labeling Program

Sustainable Management Promotion Organization

2-1, Kaji-cho 2 chome, Chiyoda-ku, Tokyo Japan

<https://ecoleaf-label.jp/>



Mono Laser Workgroup Printer

**HL-L6400DW**



### Functional unit

Per unit of product

### System boundary

- final products
- intermediate products

Material - Product - Distribution - Use - Disposition

### Main specifications of the product

Model name: HL-L6400DW

- Printer (EP method)
- Black & White
- Product weight: 13.1kg Packaging etc.: 2.2kg
- Printing Speed: 50ppm (A4)
- Automatic duplex printing
- Wireless / wired LAN

\* This product is for European Union.

### Company Information

Brother Industries, Ltd.

TEL: 81-52-824-2511 (Representative)

FAX: 81-52-824-5177

<https://www.brother.eu/>

Registration#	JR-AI-21071E-A
PCR number	PA-590000-AI-03
PCR name	Imaging input and/or output equipment
Publication date	7/9/2021
Verification date	7/2/2021
Verification method	System certificaion
Verification#	JV-AI-21071
Expiration date	7/1/2026
<b>PCR review was conducted by:</b>	
Approval date	11/8/2019
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

### Third party verifier\*

Wataru Kawamura

Independent verification of data & declaration in accordance with ISO14025

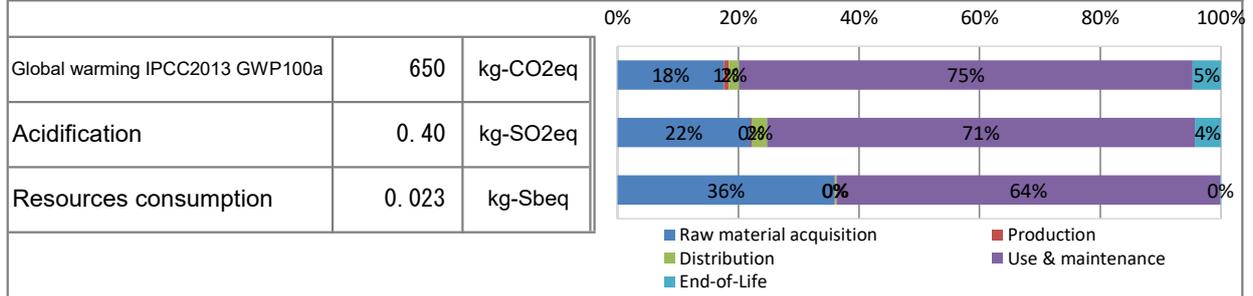
internal  external

\*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 <sub>2</sub> eq	6.5E+02	1.1E+02	5.4E+00	1.1E+01	4.9E+02	3.0E+01
Acidification		kg-SO <sub>2</sub> eq	4.0E-01	8.8E-02	1.2E-03	1.0E-02	2.8E-01	1.7E-02
Resources consumption		kg-Sbeq	2.3E-02	8.3E-03	2.0E-05	4.7E-05	1.5E-02	1.9E-05

2. Life cycle inventory analysis (LCI)

項目	Value	單位
Non-renewable material resources	2.4E+01	kg
Non-renewable energy resources	2.3E+02	kg
Renewable material resources	9.8E+01	kg
Renewable primary energy	1.6E+02	MJ
Consumption of freshwater	6.5E-01	m <sup>3</sup>

3. Material composition

Material	Value	Unit
Steel	3.3E+00	kg
SUS	6.5E-02	kg
Aluminium	1.1E-01	kg
Other metal	0.0E+00	kg
Plastic	8.6E+00	kg
Rubber	1.5E-01	kg
Glass	2.8E-02	kg
Paper and Wood	1.6E+00	kg
Circuit board	5.5E-01	kg
Othres	8.5E-01	kg

5. Additional explanation

Calculation method for usage stage (scenario) : Printer (EP), Expected use period: 5 years, Assumed usage: 374,400 sheets, Print measuring method (pattern): ISO/IEC 19752, Printing paper is not included in the environmental impact, The applied Energy Star program version is 3.0, Product destination:European Union.



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#### 6-1. Supplementary environmental information

This product and main components are produced in our ISO 14001 certified factories.

#### 7. Assumptions of secondary data used

Inventory Database: IDEA v2.1.3, and registered data of EcoLeaf Environmental Labeling Program, JLCA data v1.10 are used.

#### 8. Remarks

7/27/2021 Modified freshwater consumption figures on LCI.

- 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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