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

SHARP

Sharp Corporation

DIGITAL MULTIFUNCTIONAL SYSTEM

BP-51M55（EU）

EXIT TRAY CABINET is optional,
its impact is not included.

Functional unit

Per unit of product

System boundary

■ final products　□intermediate products

Raw material acquision, Production, Distribution, Use & maintenance, End-of-Life

Main specifications of the product

Model name：BP-51M55

Marking technologies：Electrophotographic Printer (EP)

Print speed：Monochrome 55prints/minute (A4)

Maximum Paper Size：A3W

Print/Copy/Scan：Standard

Duplex printing/ADF：Standard

Company Information

SHARP CORPORATION
Smart Business Solutions BU
E-mail :ECOLEAF-BS@sharp.co.jp

Registration#	JR-AI-25406E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	19 December 2025
Verification date	05 December 2025
Verification method	System certification
Verification#	FV-08-25060
Expiration date	04 December 2030

PCR review was conducted by:

Approval date	01 September 2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

Third party verifier*

Shouko Hashizume

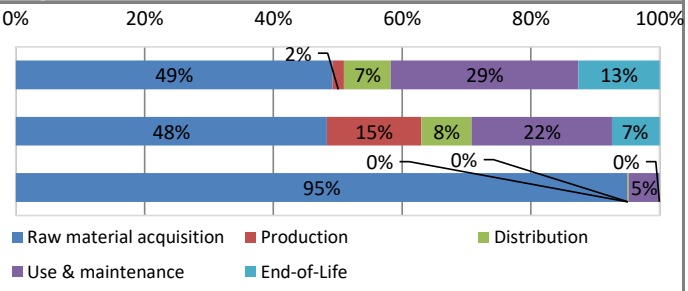
Independent verification of data & declaration in accordance with ISO14025

□internal　■external

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

1. Results of life cycle impact assessment (LCIA)

Global warming IPCC2013 GWP100a	780	kg-CO_2eq
Acidification	0.74	kg-SO_2eq
Resources consumption	0.13	kg-Sbeq



Parameter \ stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a	kg-CO_2eq	7.8E+02	3.8E+02	1.4E+01	5.6E+01	2.3E+02	9.8E+01
Acidification	kg-SO_2eq	7.4E-01	3.6E-01	1.1E-01	5.8E-02	1.6E-01	5.5E-02
Resources consumption	kg-Sbeq	1.3E-01	1.2E-01	3.7E-05	2.4E-04	6.1E-03	1.1E-04

2. Life cycle inventory analysis (LCI)

Parameter		Unit
Non-renewable material resources	6.1E+01	kg
Renewable material resources	1.3E+02	kg

3. Material composition

Material		Unit
Steel	2.4E+01	kg
SUS	1.2E+00	kg
Aluminium	1.4E-01	kg
Other metal	1.7E-01	kg
Plastic	2.8E+01	kg
Rubber	1.2E-01	kg
Glass	1.7E+00	kg
Paper・Wood	1.2E+01	kg
Circuit Board	1.5E+00	kg
Others	5.2E+00	kg

5. Additional explanation

・Product destination: Europe
・Calculation method of use stage (scenario)
　・Expected usage period: five years
　・Estimated number of use : 451,200 sheets
　32（Jobs/Day）× 47（Sheets/Job）÷ 4 × 5（Days/Week）× 4（Weeks/Month）× 12（Months/Year）× 5（Years）
　= 451,200 sheets
・The impact of paper for printing is not included.
・Products selected in the scenario used for inventory calculation ：Multifunction device (EP)
※ Calculated according to the ENERGY STAR® Ver.3.0 program.

6-1. Supplementary environmental information

・Assembly and production of this product, as well as production of the photoconductor and toner, which are the main components, are performed at ISO 14001-certified factories.

7. Assumptions of secondary data used

IDEA v3.1.0 and Japan EPD Program by SuMPO Registry data v1.15

8. Remarks

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- 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/）
- This is a selfdeclared translation of EPD that can be accessed at https://ecoleaf-label.jp/epd/2676 and is published for convenience purposes. Only the original EPD is valid and binding between parties.