



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-22260E

Japan EPD Program by SuMPO

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



# Monochrome MFD ECOSYS M3655idn/A(US)

KYOCERA Document Solutions Inc.

## Functional unit

Per unit of product

## System boundary

final products       intermediate products

Raw material acquisition-Production-Distribution-  
Use & maintenance-End-of-Life

## Main specifications of the product

Model name : Monochrome MFD  
ECOSYS M3655idn/A  
Making Technology :Electrophotographic Printer (EP)  
Printng Speed:  
Monochrome 55 Pages per minute in A4  
Priting paper : Maximum Folio  
Duplex function: Standard

## Company Information

KYOCERA Document Solutions Inc.  
Quality Assurance Division Reliability Assurance Section 11  
TEL : 06-6764-3764  
<http://www.kyoceradocumentsolutions.co.jp/>

Registration#	JR-AI-22260E
PCR number	PA-590000-AI-04
PCR name	Imaging input and/or output equipment
Publication date	1/10/2023
Verification date	12/22/2022
Verification method	System certificaion
Verification#	JV-AI-22260E
Expiration date	12/21/2027
PCR review was conducted by:	
Approval date	4/1/2022
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organizati

## Third party verifier\*

Wataru Kawamura

Independent verification of data & declaration in  
accordance with ISO14025

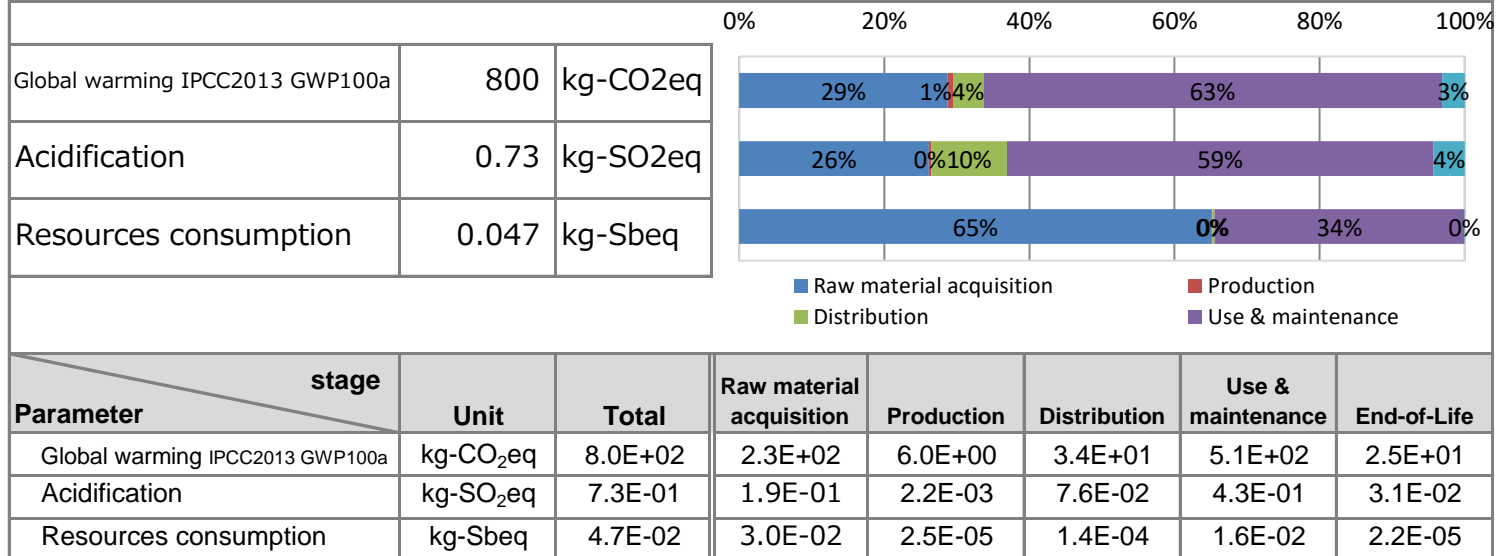
internal       external

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

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**1. Results of life cycle impact assessment (LCIA)**



**2. Life cycle inventory analysis (LCI)**

Parameter	Value	Unit
Non-renewable material resources	2.6E+01	kg
Non-renewable energy resources	1.3E+04	MJ
Renewable material resources	1.6E+02	kg
Renewable primary energy	2.2E+02	MJ

**3. Material composition**

Material	Value	Unit
Steel	6.8E+00	kg
SUS	2.6E-01	kg
Cu	6.4E-01	kg
Al	2.6E-01	kg
Glass	1.3E+00	kg
Thermoplastics resin	1.4E+01	kg
Thermosetting resin	1.1E-01	kg
Rubber	2.3E-02	kg
Paper	7.3E+00	kg
Assembled circuit board	1.3E+00	kg
Medium-sized motor	1.3E+00	kg

**5. Additional explanation**

- Product destination: North America
- Calculation method of use stage (scenario)
  - ① Expected usage period: five years
  - ② Estimated number of sheets used: Monochrome 451,200
  - ③ The impact of printing paper is not included
- Products selected in the scenario used for inventory calculation : Multifunction device (EP)
- Conformed to the International ENERGY STAR® Ver3.0 Program
- Consumables will be shipped directly from the factory to the country of sale separately from the product body and



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#### 6-1. Supplementary environmental information

- Conformed to the International ENERGY STAR® Ver3.0 Program
- Manufactured at ISO14001 certified factories.
- Halogenated flame retardants are not used in Plastic housing and outer package.

#### 7. Assumptions of secondary data used

IDEA v2.1.3 and Japan EPD Program by SuMPO Registry data v1.10

#### 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/>)

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