



# Carbon Footprint of Products

## CFP Declaration

Registration number : JR-AV-21003C

# Ecoleaf Environmental Labeling Program

Sustainable Management Promotion Organization

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

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

CITIZEN WATCH CO.,LTD

CITIZEN L (bezel-less type7)



**EW5588-81Y**



**EW5584-81Y**



**EW5586-86Y**

### Functional unit

1 product

### System boundary

final products       intermediate products

Raw material acquisition stage      Use & maintenance stage

Production stage    Distribution stage    End-of-Life stage

### Main specifications of the product

Type: EM0920-86D, EM0924-85Y, EM0920-86L, EM0922-81X

- Watch case material: Stainless steel
- Band material: Stainless steel
- Watch glass: Sapphire glass
- Photovoltaic power generation driven for about 6 months when fully charged
- Accuracy: Monthly difference ± 15 seconds-Waterproof: Waterproof performance for daily life
- Weight: 65.4g

### Company Information

CITIZEN WATCH CO.,LTD

042-466-1231

Registration# JR-AV-21003C

PCR number PA-641111-AV-02

PCR name Watch

Publication date 6/25/2021

Verification date 6/11/2021

Verification method Product-by-product

Verification# JV-AV-22001

Expiration date 6/10/2026

### PCR review was conducted by:

Approval date 2019/10/1

PCR review Kanzaki Masayuki

panel chair (Japan Environmental Management Association for Industry)

### Third party verifier\*

Makino naoki

Independent verification of data & declaration in accordance with ISO/TS14067

internal

external

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

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### 1. Quantification results, and contents of the declaration

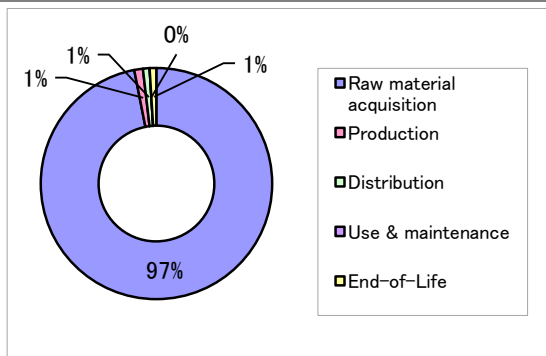
CFP quantification unit :

Parameter			Unit
<b>CFP Quantification results</b>		<b>9.3</b>	<b>kg-CO<sub>2</sub>eq</b>
Breakdown	Raw material acquisition	9.0	kg-CO <sub>2</sub> eq
	Production	0.11	kg-CO <sub>2</sub> eq
	Distribution	0.088	kg-CO <sub>2</sub> eq
	Use & maintenance	0.0	kg-CO <sub>2</sub> eq
	End-of-Life	0.086	kg-CO <sub>2</sub> eq
<b>Value on CFP mark</b>		<b>9.3</b>	<b>kg-CO<sub>2</sub>eq</b>
<b>Unit for the value on CFP mark</b>		<b>1 product</b>	

\*Quantification results may slightly differ from the sum of the breakdown due to rounding of fractions.

### 3. Supplementary environmental information

### 2. Additional information



### 4. Interpretation

- At about 97%, the load at the raw material acquisition stage is very high. This is due to the heavy load associated with stainless steel and copper alloys parts and their processing. The selection of raw materials and the improvement of processing methods are thus both crucial.
- The number for the distribution is low. It is low because watches are lightweight and compact, meaning that large quantities can be transported in a single truck shipment.
- This product is equipped with a solar cell. In consequence, there is no need to replace batteries.
- When calculating the CFP, we use in-house data for the quantities of raw materials used. Collecting data for many of the components is, however, difficult. For that reason, the data for raw material generation is based on typical values for our processes. As a result, the data sometimes does not reflect the characteristics of this specific product. Kindly understand that, for the above reasons, these results are estimates.

### 5. Assumptions of secondary data used

IDEA v2.1.3, program registration basic unit 1.08 was used.

### 6. 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/>)
- The CFP only addresses the single impact category of climate change and does not assess other potential social, economic and environmental impacts arising from the provision of a product.