

證書

盤查標準

ISO 14067:2018

證書登記號碼

CO 50597464 0001

報告號碼

48220775 001

證書持有者:

大銀微系統股份有限公司

台灣 40852 台中市精密機械園區精科中路 6 號

確證與查證場址:

所包括場址已列於證書附件上

確證與查證機構:

台灣德國萊因技術監護顧問股份有限公司

確證與查證標準:

ISO 14064-3:2019

方案:

- 自願性碳足跡方案

查證保證等級:

- 合理保證

彙總方法:

- 營運控制權法

實質性:

- 5%

生命週期軟體/資料庫:

- SimaPro 9.5.0.0 / Ecoinvent 3.8

分析方法:

- IPCC 2021 GWP 100 v1.02

確證與查證範圍:

基於取得的資訊進行評估之結論:

- 全球暖化潛勢(GWP): IPCC 2021, AR6

- 產品類別規則: N/A

- 產品: 力矩馬達

- 邊界: 搖籃到大門

- 數據期間: 2022.01.01~2022.12.31

- 功能單位 / 宣告單位: 1 組(含包材 83.25 公斤/組)

- 型號 / 碳排放量: TMRWAAC-PB / 891.5963 公斤二氧化碳當量 (kg CO₂e)

- 數據與資訊:

- 歷史性資料: 原物料 / 生產 / 配銷

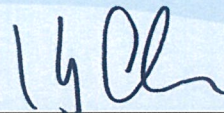
- 歷史性資料及情境模型: N/A

有效性:

本證書有效期自 2023/10/12 到 2025/10/11 止

本證書僅對標的產品碳足跡進行查驗, 未包含對外溝通的確認

2023-10-12



台灣德國萊因技術監護顧問股份有限公司
台灣 105 台北市八德路四段 758 號 11 樓

This verification and validation is based on the information made available to TÜV Rheinland and the engagement conditions detailed above. Therefore, TÜV Rheinland cannot guarantee the accuracy or correctness of this information. TÜV Rheinland cannot be held liable by any party relying or acting upon this verification and validation

Certificate

Inventory Standard **ISO 14067:2018**

Certificate Registr. No. **CO 50597464 0001**

Report No. **48220775 001**

Certificate Holder: **HIWIN MIKROSYSTEM CORP.**
No.6, Jingke Central Rd., Taichung Precision Machinery Park, Taichung 40852, Taiwan
R.O.C.
including the sites according to annex

Validation & Verification Site:

Validation & Verification Body: **TÜV Rheinland Taiwan Ltd.**

Validation & Verification Standard: ISO 14064-3:2019

Programme: - Voluntary Carbon Footprint scheme

Level of Assurance: - Reasonable

Consolidation methodology: - Operational Control

Materiality: - 5%

LCA software or database: - SimaPro Ver. 9.5.0.0 / Ecoinvent 3.8

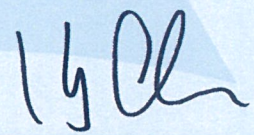
Analysis method: - IPCC 2021 GWP 100 v1.02

Validation & Verification Scope: Based on the information we have received and evaluated that:

- Global warming potential (GWP): IPCC 2021, AR6
- Product category rules (PCR): N/A
- Product: Torque Motor
 - Boundary: Cradle to Gate
 - Data period: 2022.01.01~2022.12.31
 - Functional / Declared unit: one set (with packaging 83.25 Kg/set)
 - Model no. / Carbon emissions: TMRWAAC-PB / 891.5963 kg/CO₂e
- Data and information
 - Historical in nature: raw materials / production / Distribution
 - Historical in nature with scenario models: N/A

Validity: This certificate is valid from 2023/10/12 until 2025/10/11
This certificate only verified the target product / service carbon footprint, this verification does not include review of external communication.

2023-10-12


TÜV Rheinland Taiwan Ltd.
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105, Taiwan

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