



## 明曜科技股份有限公司

負責人：王孝揚

網址：<https://etica-inc.com/>

地址：238 新北市樹林區柑園街二段 122 巷 3 號 10 樓

電話：02-2680-1603

### 企業沿革

- 2002 年** 明曜科技成立，從事工控手持裝置電池模組製造。
- 2007 年** 工廠取得 ISO9001:2008 認證。
- 2008 年** 通過 TUV 工廠認證。
- 2009 年** 開發 HVDC 系統。
- 2013 年** 進入日本最大電裝品牌 DENSO 供應鏈。
- 2016 年** 開發新產品應用於賓士貨卡
- 2017 年** 入選鄧白氏中小企業菁英獎。  
工廠取得 ISO9001:2015 認證。
- 2018 年** 新營運總部啟用。
- 2019 年** 開拓儲能系統產品線。
- 2020 年** 研發輕型電動載具電池。  
取得 IATF16949 認證。
- 2022 年** 三重新廠動工。
- 2023 年** 榮獲第 26 屆小巨人獎

### 主要產品

- 儲能系統電池模組
- 工控手持裝置電池模組
- 車載電子產品電池模組
- 輕型電動載具電池模組

### 企業簡介

明曜科技自 2002 年成立以來，致力於電池模組設計製造，從耐用型手持設備擴展到多節電池組、LEV 電池、備用電池、數據中心模塊系統以及儲能電池模組。我們的團隊在電池產業累積逾二十年豐富經驗，工廠及產品陸續取得 ISO、UL、TUV 認證，亦投入大量精力和資源開發現在的核心市場產品，更專注於研發及創新，已獲得 6 項臺灣專利及 1 項美國專利。我們的客戶遍布全球，能提供完整的 MIT 一站式客製化生產方案來幫助各領域業主解決電源上的問題，建立長期穩定的合作關係。

## 出口實績及國際競爭力

1. 一站式 Total Solution：成立以來致力於電池模組產品研發，從設計開發到組裝代工，提供國外品牌客戶一站式 Total Solution，顧客關係由專門的國外業務團隊維繫。電池為電子裝置、儲能系統及電動自行車最重要的零組件，直接影響產品運作，客戶對製造商的研發能力及品管要求嚴格，雙方合作關係緊密且黏著度高，具一定的進入門檻。
2. 專業客製化：明曜科技可提供專業客製化服務，且品質控管出色，取得如 ISO9001、車規 IATF16949、RoHS、北美 UL、歐盟 CB、日本 PSE、韓國 KC 等多國安全與品質認證，獲產品持續推陳出新且品質要求嚴格的日本客戶認可，穩定合作逾 15 年。
3. 市場定位明確：明曜科技以客製化的利基市場為主，避開消費性 3C 市場的激烈廝殺與規模戰，得以維持電池業平均水準之上的競爭力。

## 營運管理與績效

1. 經營理念：誠實和務實是明曜科技一貫的作業指標—始終以客戶需求為優先，專注於提升產品的價值及品質。
2. 建立制度
  - ① IPO 計畫及輔導：為創造企業價值、提高公司知名度並留用人才，已與國內知名證券商簽訂輔導計畫，並自 2022 年開始進行輔導，另外敦聘四大會計師事務所簽證財務報表，積極推動 IPO 計畫。
  - ② 管理辦法及內控制度建立：依照準公開發行公司之規範，致力於公司治理制度面建立和施行，已於 2022 年完成工作規則報備、各項管理辦法及內部控制制度建立，稽核室據此訂定年度內部稽核計畫，執行審查，提出稽核報告，具送監察人審查及董事會報告，邁入公司治理的里程碑。
  - ③ 導入 ERP 及電子簽核系統：為使經營資源最佳化，於 2022 年完成 ERP 系統導入，將生產計畫、物料管理、銷售、財務會計、管理會計等營業行為納入一個跨部門、跨地區的整合工作流程中，將所有營運數據納入決策資訊，並運用系統營運監控機制，監控各職能達成效度，確保流程落實提高作業品質。
3. 培育人才
  - ① 提供充分就業機會：積極參與就服站的徵才活

動，提供待業民眾及社會新鮮人就業管道及機會，並安排熱情、專業的員工擔任導師，給予專業教育訓練，學習技能，輔導成為明曜的一分子，充分照顧其需要。

- ② 人員培訓及教育訓練：依照人員教育訓練辦法，由人力資源單位提出年度教育訓練計畫，安排訓練課程，並定期檢視計畫實施狀況，做為日後課程安排參考。

## 永續經營

1. 承擔社會責任：以公平客觀態度維護國際人權、性別平權、多元文化等。
2. 營造友善幸福職場：照顧女性、生育者、身障者及中高齡者安心工作。
3. 環境保護：推動綠能環保，節能減碳，導入電子簽核系統，響應無紙化世代。
4. 舉辦小額捐款、志工服務與淨灘活動等愛心公益活動。
5. 傳遞公司經營理念，實現永續經營目標，確保在經濟、環境、社會方面取得平衡和長期的發展。



## 綜合評語

1. 主要產品為工控手持式裝置電池及輕型電動載具電池模組，以客製化電池模組成功進入國際大廠供應鏈，近年積極布局綠能儲能市場，並已在台灣布建 30 個案場以上。為臺灣少數從模組設計、組裝、系統都在國內製造生產的儲能電池模組廠商。
2. 專精耐用型手持設備電池及電源管理的 ODM 與 OEM，從設計開發到組裝代工，提供國外品牌客戶一站式 Total Solution。
3. 積極進行數位化升級轉型，提升公司管理營運及人資管理效率。





## ETICA BATTERY INC.

Owner : Gavin Wang

Website : <https://etica-inc.com/>

Address : 10F., No.3, Lane 122, Sec. 2, Ganyuan St., Shulin Dist., New Taipei City 238, Taiwan

Tel : +886-2-2680-1603

### History

- 2002** Founded in Taipei.
- 2007** ISO9001:2008 certified.
- 2008** TUV certified.
- 2009** Developed HVDC system.
- 2013** Qualified as part of the supply chain of the biggest automotive electronics company in Japan.
- 2016** New product applied on Mercedes-Benz truck.
- 2017** Honored with Dun & Bradstreet SME Elite Award. ISO9001:2015 certified.
- 2018** New HQ operating.
- 2019** Developed ESS product.
- 2020** Developed LEV product. IATF16949 certified.
- 2022** Built new factory in Sanchong, New Taipei City.
- 2023** Won Rising Star Award

### Business Items

- Battery modules for energy storage system
- Battery modules for industrial handheld devices
- Battery modules for automotive electronics
- Battery modules for light electric vehicles

### Introduction

Etica is a professional provider of total solutions on ESS, handheld device batteries and LEV batteries. Our team has accumulated over twenty years of extensive experience in battery module packing. We have obtained ISO, UL, and TUV certifications and have invested significant effort and resources in developing our core products, with 6 Taiwan patents and 1 U.S. patent approved since 2020. Our customers are spread globally, and we can provide MIT one-stop customized production solutions to clients in various fields, establishing long-term and stable partnerships.

### Export Competitiveness

1. One-stop total solution: We have been committed to R&D of battery module products since starting operation, providing MIT one-stop total solution, from product design to assembly and packing, to global customers. Customer relationships are maintained by a professional sales team. Batteries are the most important components of electronic devices, ESS and LEV, so customers have strict requirements on

manufacturers' R&D capabilities and quality control. The cooperation between the two parties is close and highly adhesive, creating entry barriers for potential competitors.

2. Professional customization: We can provide customization services and excellent quality control. We have obtained safety and quality certifications such as ISO9001, IATF16949, RoHS, UL, CB, PSE, KC, etc. We have been recognized by Japanese customers who continue to introduce new products and have strict quality requirements, maintaining stable cooperation for more than 15 years.
3. Clear market positioning: We focus on niche markets, avoiding the fierce competition and scale war in the consumer electronics market and maintaining a competitiveness in the industry.

### Operation Performance Management

1. Philosophy: Honesty and pragmatism have always been our operational guidelines. We prioritize customer needs and are dedicated to enhancing the value and quality of our products.
2. Corporate Governance
  - ① IPO planning: In order to create corporate value, increase the company's visibility and retain talents, we have signed an underwriting contract starting 2022 with well-known domestic securities firms. In addition, we have hired a tier-1 CPA firms to audit financial statements to promote IPO plan.
  - ② Establishment of management measures and internal control system: In accordance with the standards of quasi-publicly issued companies, we are committed to the establishment and implementation of corporate governance systems. We have completed the filing of work rules and various management measures in 2022, and the audit office has formulated accordingly, which sets an annual internal audit plan, carries out the review and submits an audit report to the supervisor and the board of directors.
  - ③ Introduction of ERP and electronic sign-off system: In order to optimize operating resources, the ERP system introduction was completed in 2022. Activities within the company will be integrated into a cross-department system. In the integrated work process, all operational data are incorporated into decision-making information, and the system operation monitoring mechanism is used to monitor the effectiveness of each

function to ensure the implementation of the process and improve the quality of operations.

### 3. Human Resource

- ① Provide sufficient employment opportunities: We actively participate in the recruitment activities held by the government, providing employment channels and opportunities for unemployed people and newly graduated students. We assign enthusiastic and professional employees to serve as mentors, who can provide professional training and guidance to newcomers.
- ② Personnel training: In accordance with the internal guidance, the HR proposes an annual training plan, arranges training courses, and regularly reviews the implementation status of the plan as a reference for future adjustment.

### Sustainable Management

1. Corporate social responsibility: Promote international human rights, gender equality, and multiculturalism.
2. Create a friendly and happy workplace: Taking care of women, childbearing people, people with disabilities and the elderly to work with peace of mind.
3. Environmental protection: Promote green energy and environmental protection, save energy and reduce emission of greenhouse gas, introduce electronic sign-off system, and respond to the paperless era.
4. Organize charity activities such as donations, volunteer services, and beach-cleaning activities.
5. Convey the company's business philosophy, achieve sustainable management goals, and ensure balanced and long-term development in the economy, environment, and society.

