

## MONA Inc.



<b>Year Established</b>	2019	<b>Type of Business</b>	Manufacturing
<b>Website</b>	www.monaelec.com/	<b>Main Export Countries</b>	China, USA, Indonesia
<b>Domestic Customers</b>	Hyundai Motors, Hyundai Mobis, SL Corporation	<b>International Customers</b>	Apple, BATEX, Zhongke Scientific & Technical Co., Ltd.
<b>The Person In Charge</b>			
<b>Name</b>	Dong Guen Jeong	<b>Position</b>	Manager
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### Company Description

MONA develops an AI- and impedance-based battery diagnostic solution that enables precise, cell-level analysis across a wide range of applications, including electric vehicles (EVs), energy storage systems (ESS), power tools, and portable power sources. The solution rapidly and accurately detects defective battery cells and precisely predicts battery capacity and lifespan.

### Product

#### ELIO-C1000

##### Function and Usage

ELIO-C1000 is an incoming/outgoing battery inspection for battery cells, designed to perform voltage, insulation, inductance, capacitance, and resistance (LCR) testing, as well as Electrochemical Impedance Spectroscopy (EIS). The system applies a micro alternating current signal to battery cells to analyze their impedance characteristics and electrical properties. It supports non-destructive, high-speed battery evaluation in manufacturing and recycling processes.

##### Marketing and Selling points

ELIO-C1000 is a battery inspection system that ensures stable continuous operation with a built-in UPS, while enabling early detection of defective cells through AI-based high-speed impedance analysis and non-destructive cell-level diagnostics, significantly improving battery quality and safety.

