

leagend BA1000 Raises the Bar for Battery Diagnostics with Built-in Thermal Printer and Multilingual Support

leagend proudly announces its BA1000, an advanced battery analyzer designed for 12V and 24V lead-acid batteries.

SHENZHEN, GUANGDONG, CHINA, June 4, 2025 /EINPresswire.com/ -- leagend, a global leader in battery diagnostics and power management solutions, proudly announces its BA1000, an advanced battery analyzer designed for 12V and 24V lead-acid batteries. Equipped with a built-in thermal printer, leagend BA1000 offers comprehensive testing capabilities, making it an indispensable tool for automotive professionals, fleet managers, and service centers.

Comprehensive Testing Capabilities

leagend BA1000 is engineered to perform a wide range of diagnostic tests, including:

- Battery Health Analysis: Evaluates Cold Cranking Amps (CCA), internal resistance, voltage, State of Charge (SoC), and State of Health (SoH).
- Cranking System Test: Assesses the starting system to ensure reliable engine ignition.
- Charging System Test: Analyzes the alternator and charging system performance to prevent unexpected failures.

These tests provide users with a comprehensive understanding of battery and vehicle electrical system health, facilitating proactive maintenance and reducing downtime.

User-Friendly Features

Designed with the user in mind, leagend BA1000 incorporates several features to enhance usability:



- Built-In Thermal Printer: Allows immediate printing of test results for record-keeping and customer communication.
- Customizable Function Key: A unique Fn key enables one-button testing or voltmeter mode, streamlining the diagnostic process.
- Automatic Functions: Includes automatic saving of the last test result and temperature compensation for accurate readings under varying conditions.
- Multilingual Support: Offers interface options in English, Japanese, Spanish, French, German, Dutch, Italian, and Chinese, catering to a global user base.

Robust and Safe Design

Safety and durability are paramount in leagend BA1000's design:

- Wide Voltage Range: Operates within an input voltage range of 8V to 30V, accommodating various battery conditions.

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Arthur Kingsly

accuracy and efficiency in vehicle maintenance.

- Fleet Management: Assists in monitoring and maintaining the battery health of commercial vehicle fleets.
- Marine and RV Maintenance: Provides reliable testing for boats and recreational vehicles, ensuring safety during travel.
- Motorcycle and Small Engine Repair: Offers precise diagnostics for smaller vehicles and equipment.



- Temperature Resilience: Functions effectively in temperatures ranging from -10°C to 60°C (14°F to 140°F), with storage capabilities from -20°C to 70°C (-4°F to 158°F).
- Protection Mechanisms: Features built-in safeguards against short circuits and reverse connections, ensuring user safety and device longevity.

Versatile Applications

[The leagend BA1000](#) is suitable for a broad spectrum of applications, including:

- Automotive Service Centers: Enhances diagnostic

Belongs to battery testers, there are also many relevant products as leagend BA1000, designed for battery diagnosis. [leagend BA4000](#) supports 6V/12V/24V Vehicle Battery & 12V/24V Electrical System Tester with Printer, also an advanced diagnostic tool designed for testing lead-acid batteries and electrical systems. [leagend BA510](#), with color screen, supports 6V and 12V batteries testing and checks the 12V/24V vehicle starting and charging systems.

About leagend

Founded in 2005, leagend has been at the forefront of battery testing and monitoring innovation for over two decades. Specializing in product development, software development, and cloud-native analytics, the company has become the top manufacturer serving a global clientele across automotive, marine, renewable energy, telecommunications, and industrial markets. leagend remains committed to delivering reliable, user-centric solutions that drive efficiency, safety, and sustainability in power-dependent applications.

leagend offers comprehensive support for its products, including OEM and ODM cooperation opportunities. Interested parties are encouraged to contact leagend's regional sales experts for personalized assistance.

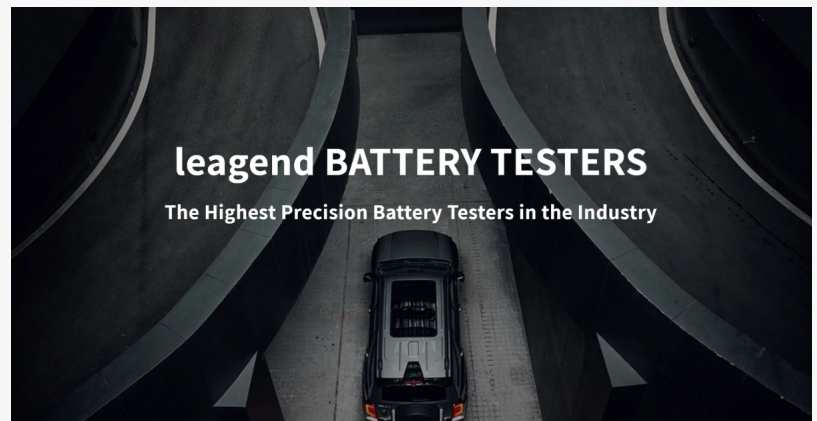
For more information, visit leagend Official Website.

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