

leagend Brings 20+ Years of Battery Expertise and SuperCap Starting Technology to Europe's Automotive Aftermarket

Backed by battery testing and monitoring expertise, leagend brings permanently installed SuperCap starting technology to Europe and seeks B2B partnerships.

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/EINPresswire.com/ -- Europe's

automotive aftermarket continues to serve a large, diverse and relatively mature vehicle population. According to the European Automobile Manufacturers' Association (ACEA),

approximately 256 million passenger cars, 31.1 million vans and 6.2 million trucks were in circulation across the European Union in 2024.



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With 20+ years of battery expertise, leagend is bringing SuperCap starting technology to Europe to support more reliable vehicles and new business opportunities."

legend management team

The vehicle parc is also relatively mature. In 2023, the average passenger car in the EU was 12.5 years old, compared with 12.7 years for vans and 14.1 years for trucks.

For distributors, workshops, fleet operators and professional automotive service businesses, this creates a broad and continuing need for technologies that support battery condition assessment, vehicle electrical-system maintenance and reliable starting across different vehicle types and operating environments.

As a top manufacturer in battery testing, [leagend](#) brings more than 20 years of experience in battery testing and monitoring technologies and algorithms, building its automotive technology capabilities around battery condition assessment, intelligent power management and reliable vehicle operation.

Now, the company is extending that experience into a new area of vehicle starting support through the [legend SuperCap Jump Starter Series](#).

A Different Approach to Vehicle Starting Support

Portable jump starters have traditionally relied on an internal rechargeable battery and are typically stored until starting assistance is required.

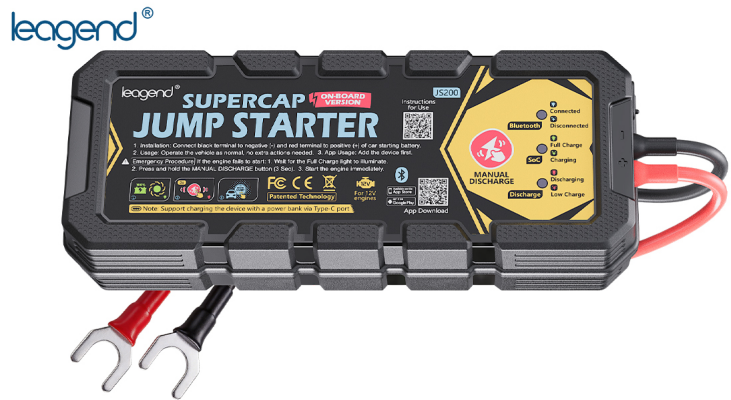
legend takes a different approach. The legend SuperCap Jump Starter Series uses supercapacitors instead of a built-in rechargeable battery and is designed for permanent installation in the vehicle. The system works alongside the vehicle's original battery, storing and managing energy to provide additional starting support when required.

This battery-free architecture introduces several characteristics relevant to long-term automotive applications, including permanent vehicle installation, ultra-low power consumption, long service life and suitability for demanding operating environments.

Applicable models also integrate intelligent functions including AI self-learning mode, driving mode, forced-start mode and smart app connectivity.

The result is a different way of thinking about starting support.

Rather than treating a jump starter only as a portable emergency device that remains unused until a starting problem occurs, the SuperCap system can become part of the vehicle's onboard power-support architecture, remaining available as part of everyday vehicle operation. For European automotive businesses, this creates a differentiated proposition in a category traditionally dominated by portable battery-based products.



legend battery-free supercap jump starter JS200



legend supercap jump starter JS400



legend battery tester BA4000 with built-in printer

From Passenger Cars to Commercial Vehicle Applications

The relevance of this approach becomes clearer when viewed against the diversity of Europe's vehicle parc. A passenger vehicle used for daily commuting, a light commercial van making repeated urban deliveries and a long-distance truck operate under very different conditions. Fleets, rental vehicles, workshops and roadside-service businesses also place different priorities on vehicle availability and starting reliability.

The leagend SuperCap Jump Starter Series is designed to support this range of applications, with solutions covering passenger vehicles as well as commercial and heavy-duty vehicle environments.

Its permanent-installation architecture is particularly relevant where starting support needs to be readily available and where vehicles may operate frequently, remain parked for extended periods or face demanding environmental conditions.

Potential applications include passenger vehicles, commercial vans, fleet vehicles, trucks, rental and mobility fleets, roadside-service applications and professional automotive workshops. For European partners, this opens opportunities beyond the sale of an individual product. Distributors can introduce a differentiated technology category into existing automotive portfolios. Workshops and automotive service businesses can combine the product with professional installation and battery-service offerings. Fleet-related partners can explore applications where starting reliability and vehicle availability are important operational considerations.

In this sense, the value of SuperCap technology is not only in how the product is engineered, but also in the new service and business models that can be built around it.

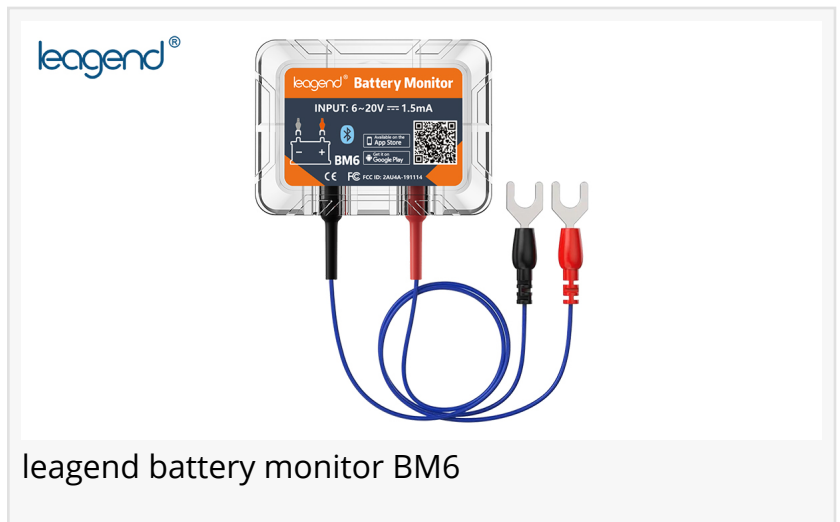
Innovation Built on More Than Two Decades of Battery Technology

The SuperCap Jump Starter Series is not an isolated product initiative.

For more than 20 years, leagend has strengthened its position as a top manufacturer in battery testing by continuously developing battery testing and monitoring technologies, algorithms and related automotive electronics capabilities.

That foundation has gradually expanded into a broader automotive technology portfolio covering battery testing, battery monitoring, intelligent charging, OBD II diagnostics, thermal imaging and vehicle starting support.

These categories are connected by a common technology direction: understanding battery and electrical-system conditions, managing energy more intelligently and helping vehicles operate more reliably.



leagend battery monitor BM6

This broader capability is particularly relevant for commercial partners.

A distributor may begin with one differentiated product category but require access to a wider automotive portfolio over time. A workshop network may want to combine battery testing, monitoring and starting support within its service offering. An automotive brand or professional partner may require customized products, technology adaptation or OEM/ODM development. For leagend, the objective is therefore not simply to introduce another jump starter to the market.

The SuperCap platform is one example of how the company is applying its existing battery and automotive electronics expertise to develop new solutions around changing vehicle and aftermarket requirements.

Creating New Opportunities for European Commercial Partners

Product differentiation is increasingly important in mature automotive aftermarket categories. When competing products rely on similar specifications and product architectures, distributors and service providers can find it difficult to establish a clear market position beyond price.

A different technology approach creates another possibility.

Instead of competing only through conventional jump-starter specifications such as internal battery capacity or peak current, the leagend SuperCap Jump Starter Series introduces a proposition based on battery-free energy storage, permanent onboard installation and intelligent vehicle integration.

This allows potential European partners to explore multiple forms of cooperation, including product distribution and wholesale, professional installation, fleet-oriented applications, integrated battery-service offerings, and customized OEM/ODM projects.

At the same time, leagend's wider automotive portfolio allows partnerships to develop beyond a single product category.

Battery testing, monitoring, charging, diagnostics and starting support can serve different stages of the automotive battery and electrical-service workflow, giving distributors and professional partners the possibility to build a broader relationship around multiple technologies and applications.

Beyond the automotive aftermarket, leagend SOLUTIONS also develops technologies for lead-acid battery testing and charging, battery monitoring and management, remote battery monitoring, UPS battery management, coulomb-counter applications and customized battery-related projects.

This wider technology base provides additional experience that can support continued innovation across leagend's automotive products.

Building Long-Term Partnerships in Europe

Europe represents an important market for automotive technology because of both the scale and diversity of its vehicle parc.

For leagend, entering deeper into this market is not only about introducing products. It is about building relationships with partners that understand local channels, professional customers and application requirements.

The company welcomes discussions with automotive distributors, wholesalers, workshop and service networks, fleet-related businesses, automotive brands, professional solution providers and OEM/ODM partners across Europe.

With more than 20 years of battery technology experience, a growing automotive electronics portfolio and continued development of new technologies such as permanently installed SuperCap starting support, leagend aims to support partners with both current products and long-term product-development capability.

For European automotive businesses looking for differentiated technologies and a long-term product partner, leagend is open to new cooperation opportunities.

leagend — Building Battery and Automotive Technologies for Professional Markets.

About leagend

leagend specializes in battery testing, battery monitoring and automotive electronics technologies.

With more than 20 years of experience in battery testing and monitoring technologies and algorithms, the company has developed a portfolio covering battery testers, battery monitors, battery chargers, OBD II diagnostic tools, thermal imaging products, SuperCap jump starters and professional battery-management solutions.

Through continuous product development and customized B2B cooperation, leagend works with partners across automotive aftermarket, battery, critical-power and energy-related applications worldwide.

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