leagend Brings a New Era of Supercapacitor Starting Technology at Automechanika Frankfurt 2026

leagend brings 20+ years of battery expertise and next-generation supercapacitor starting technology to Automechanika Frankfurt 2026.



leagend supercap jump starter JS400

FRANKFURT AM MAIN, HESSE, GERMANY, September 8, 2026 /EINPresswire.com/ -- leagend, a technology-driven automotive electronics manufacturer with more than 20 years of industry experience, will showcase its latest supercapacitor jump starter technology and professional automotive battery solutions at Automechanika Frankfurt 2026, taking place September 8–12 in Frankfurt, Germany.

Professional visitors can meet the leagend team at Hall 10.1, Booth B30B to experience the company's latest technologies, explore its growing product portfolio and discuss distribution, OEM, private-label and other business cooperation opportunities for the European and U.S. markets.

> After 20+ years in automotive battery technology, leagend is bringing next-generation supercapacitor starting solutions to the European and U.S. aftermarket."
>
> *Andre Josh, Business Development Manager at leagend*

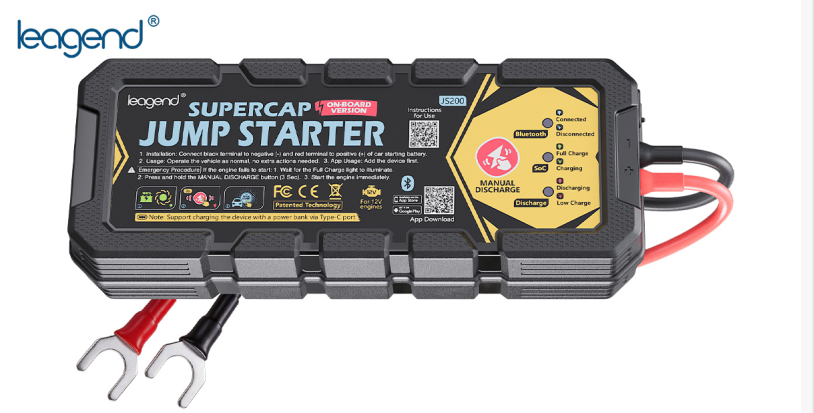
A New Generation of Jump Starting: Supercapacitor Technology

The centerpiece of leagend's exhibition presence will be its leagend JS Series of permanently installed supercapacitor jump starters, including the JS200, JS300, JS400 and JS600. The technology represents a different approach to conventional portable jump starters. Instead of relying on a built-in lithium battery, leagend JS Series uses supercapacitors to store and rapidly deliver starting energy. The products are designed for permanent installation in vehicles and can automatically provide starting assistance when the vehicle's battery is unable to deliver sufficient cranking power, and it is also a battery life

extender to extend the vehicle battery service life.
This battery-free architecture is designed to provide a maintenance-free alternative to conventional battery-powered jump starters while eliminating the dependence on an internal chemical battery. leagend JS Series is also designed to automatically manage the starting process, allowing the system to work as an integrated part of the vehicle's starting system rather than as an emergency device that must be manually retrieved and connected.
leagend JS series is more than a jump starter, it integrates the battery tester, battery monitor, battery protector and an always-ready start system into one product.
The current JS Series covers different vehicle applications, from mainstream passenger cars and SUVs to larger-displacement vehicles, trucks and buses. Depending on the model, the series delivers discharge currents of up to 1,300A, with an average standby power consumption of approximately 3mA.
For automotive aftermarket businesses, the significance of leagend JS Series extends beyond another jump starter product. Its permanent-installation concept and supercapacitor architecture create opportunities for new automotive accessory categories, professional installation services, fleet applications and differentiated aftermarket product portfolios.



leagend battery-free supercap jump starter JS300



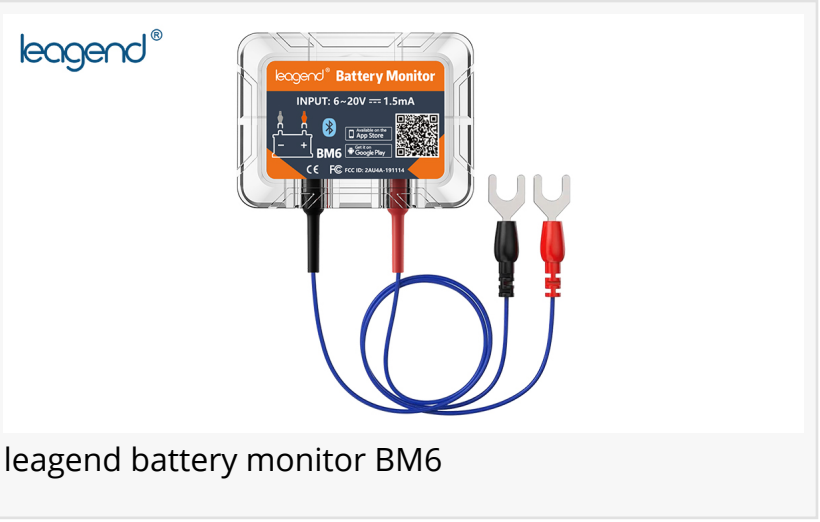
leagend battery-free supercap jump starter JS200



leagend battery tester BA4000 with built-in printer

More Than 20 Years of Battery Technology Experience
The development of leagend JS Series is backed by leagend's long-term experience in battery testing, monitoring and automotive electronics.
Founded in 2005, leagend has spent more than two decades developing technologies and products for the automotive and battery industries. The company describes itself as a

technology- and product-development-oriented manufacturer, with independent design, technology development and R&D at the center of its business strategy.
leagend's experience has traditionally been rooted in battery testing and battery monitoring, where the company has developed proprietary technologies, testing algorithms and product platforms for professional applications. Today, its portfolio has expanded into multiple automotive technology categories, including battery testers, battery monitors, battery chargers, OBD II diagnostic tools, thermal imagers and jump-starting solutions.



leagend battery monitor BM6

This product-development background is an important foundation for the company's move into supercapacitor starting technology. Rather than treating the jump starter as an isolated product category, leagend is applying its accumulated knowledge of battery behavior, vehicle electrical systems, monitoring, testing and control technologies to develop a new generation of starting-system solutions.

Strong Product Development Capability for Global Markets
Independent product development has remained a core part of leagend's strategy since its establishment.
The company's current profile states that its R&D team represents approximately 40% of its workforce, while technology and R&D investment represents approximately 30% of annual revenue. leagend also reports having served more than 1,000 professional customers worldwide and maintaining an integrated product development, quality management, production and service capability.
For professional customers, this capability means leagend can support more than standard product distribution. Its development resources can also support new product projects, market-specific requirements, OEM/private-label programs and customized solutions.
This combination of technology development and manufacturing capability is particularly relevant for distributors and automotive businesses looking to add differentiated products rather than compete solely on conventional, price-driven product categories.

A Broader Portfolio of Automotive Battery and Diagnostic Technologies
While leagend JS Series will be a major focus at Automechanika Frankfurt, leagend will also present products from its broader automotive technology portfolio.
Professional Battery Testers
leagend's battery tester portfolio includes solutions for professional battery and vehicle electrical-system testing, supporting 6V, 12V and 24V applications across different product platforms. In the industry, leagend has been leading the battery tester field for over 20 years

because of its highest precision testing technologies.
The range is designed for automotive workshops, battery distributors, service providers and other professional users who require practical tools for battery diagnosis and maintenance.

Intelligent Battery Monitoring
Battery monitoring is another area in which leagend has more than two decades of experience. Its monitoring solutions are designed to provide users with ongoing battery and electrical-system information, supporting applications ranging from individual vehicles to professional and fleet-oriented scenarios.
The company's broader portfolio includes Bluetooth and connected battery monitoring technologies, reflecting the growing importance of data in vehicle battery management.
Over the past 20 years, leagend has invented the 1st 4G battery monitor, leagend BMS100, in the global market and has been leading the industry for more than 20 years for its extremely low power consumption technologies.

Battery Chargers
leagend also develops battery charging solutions designed to combine battery maintenance with intelligent monitoring and testing functions.
These products complement the company's battery-testing and monitoring portfolio and provide professional customers with a broader range of solutions covering the battery service lifecycle.
For the past decade, leagend battery chargers have been well known for its unique 8-step charging technologies and unattached mode in the industry.

OBD II Diagnostic Tools
As vehicle electronics become increasingly complex, diagnostic tools are becoming an essential part of the automotive aftermarket.
leagend's OBD II product portfolio includes Bluetooth diagnostic tools, trouble-code diagnostic products and multifunction automotive diagnostic solutions, allowing the company to address another important segment of professional automotive electronics.

Thermal Imaging Technology
leagend is also expanding its automotive electronics portfolio through thermal imaging technology.
Its thermal imaging products are designed to provide visual temperature information for applications where conventional visual inspection may not be sufficient, creating additional opportunities in automotive diagnostics, inspection and maintenance.

Seeking New Partners in Europe and the United States
At Automechanika Frankfurt 2026, leagend is looking beyond product presentation. The company is actively seeking qualified business partners and professional customers in Europe, the United States and other international markets.
leagend welcomes discussions with:

- Automotive aftermarket distributors and importers
- Battery and automotive parts distributors
- Workshop equipment suppliers
- Automotive retailers and e-commerce businesses
- Fleet-service and maintenance companies
- Automotive accessory brands
- OEM and private-label customers
- Regional sales and distribution partners
- Professional automotive service networks

Potential cooperation can include distribution, regional partnerships, OEM/private-label development, customized product projects and strategic cooperation.
For distributors and aftermarket businesses, leagend, as a top manufacturer in the industry, offers the opportunity to access a diversified product portfolio backed by long-term experience in battery testing, monitoring and automotive electronics, while its independent R&D capabilities provide a foundation for developing new products and solutions for specific market requirements.

Meet leagend at Automechanika Frankfurt 2026
Automechanika Frankfurt provides an opportunity for automotive professionals to experience leagend's latest technologies directly and discuss their commercial potential with the company's team.
Automechanika Frankfurt 2026
September 8–12, 2026
Hall 10.1, Booth B30B
Frankfurt, Germany
Whether you are looking for next-generation supercapacitor jump starters, professional battery testing equipment, intelligent battery monitoring, charging solutions, OBD II diagnostic tools or thermal imaging technology, leagend invites you to visit Booth B30B and explore potential cooperation.

Meet leagend in Frankfurt and discover how more than 20 years of technology development can create new opportunities for your automotive business.
For European business inquiries: europe@leagend.com
For North American business inquiries: northamerica@leagend.com
General inquiries: info@leagend.com
leagend's official partner program is open to businesses with experience in the automotive aftermarket, vehicle market and lead-acid battery sector.

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