leagend Brings 20+ Years of Automotive Electronics Expertise and New Supercapacitor Technology to Australia

leagend brings 20+ years of automotive electronics expertise and new supercapacitor technology to Australia's automotive aftermarket.



leagend battery-free supercap jump starter JS300

MELBOURNE, VICTORIA, AUSTRIA, September 8, 2026 /EINPresswire.com/ -- From battery testing and diagnostics to next-generation supercapacitor starting technology, leagend is expanding its automotive electronics portfolio and seeking new business opportunities across the Australian aftermarket.

Australia's automotive aftermarket is evolving rapidly. As vehicles become increasingly dependent on sophisticated electrical and electronic systems, automotive businesses are looking for technologies that deliver not only reliable performance, but also meaningful differentiation and long-term commercial value.

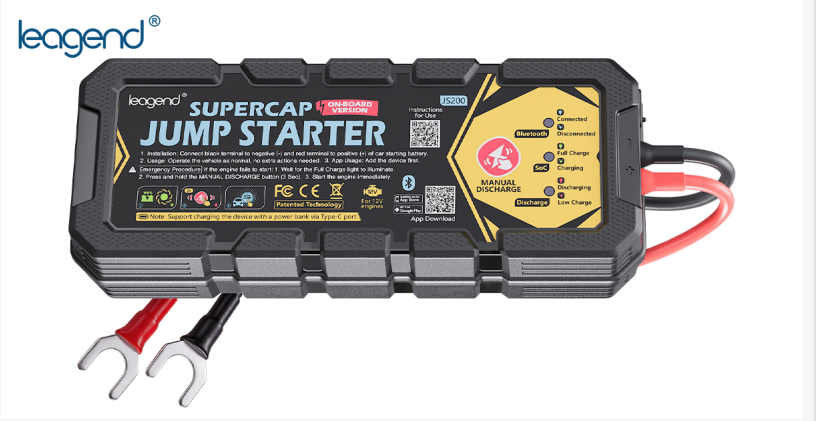
> With 20+ years in automotive electronics, we continue to develop technologies that solve real-world challenges. We see strong potential for our supercapacitor technology in Australia."
>
> *leagend Management*

With more than 20 years of experience in automotive electronics, leagend is bringing its latest generation of automotive technology to the Australian market, led by its innovative battery-free supercapacitor jump starter technology.

leagend's new JS Series represents a significant step forward in leagend's product development capabilities and in the jump starter industry—combining supercapacitor energy storage, intelligent electronic control and permanent vehicle integration to create a fundamentally different approach to vehicle starting assistance.

A Different Way to Think About Jump Starting

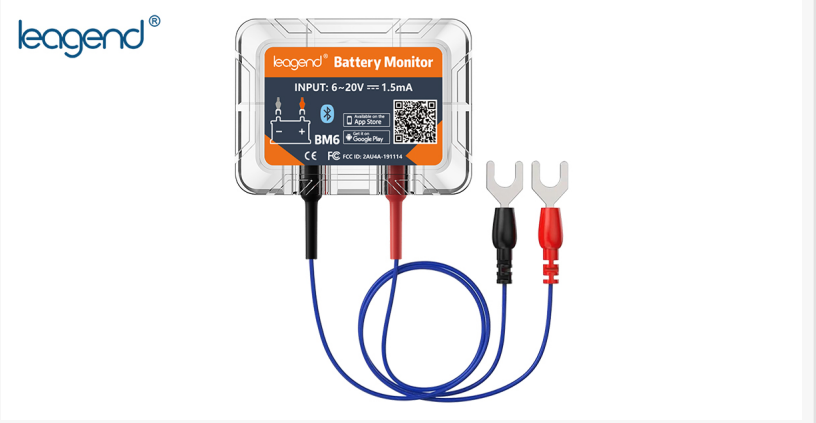
The conventional jump starter has remained largely unchanged for years: a portable device containing a rechargeable battery that is stored until an emergency occurs.
leagend's approach is different. leagend JS Series uses supercapacitors instead of a chemical battery and is designed to be permanently installed in the vehicle. Rather than relying on a portable battery pack that needs to be regularly maintained and recharged, the system remains connected to the vehicle and can automatically manage its stored energy for starting assistance when required.
This battery-free architecture brings a new dimension to the jump starter category, with advantages including rapid energy replenishment, long service life and strong resistance to demanding temperature conditions.
For automotive professionals, this is more than an alternative jump starter. It represents an opportunity to introduce a new category of permanently installed starting technology to the aftermarket.
leagend JS series is more than a jump starter; it is also a vehicle battery life extender which can extend battery service life obviously. All in all, it integrates the battery tester, battery monitor, battery protector and an always-ready start system into one product.



leagend battery-free supercap jump starter JS200



leagend supercap jump starter JS400



leagend battery monitor BM6

Engineered for Real-World Australian Applications
Australia's automotive landscape is exceptionally diverse.
From passenger vehicles in major cities to 4WDs, commercial fleets, agricultural equipment and vehicles operating in remote areas, Australian vehicles can encounter very different operating and storage conditions.
The leagend JS Series is engineered with these demanding applications in mind. Its

supercapacitor-based architecture is designed to operate across a broad temperature range, while intelligent control technology continuously manages the relationship between the vehicle's battery and the supercapacitor system.
The permanent-installation innovation also makes the technology particularly relevant to applications where vehicle availability and starting reliability are critical.



leagend battery tester BA4000 with built-in printer

Potential applications include:
- Passenger and family vehicles
- 4WD and off-road vehicles
- Commercial and fleet vehicles
- Rental and mobility fleets
- Agricultural and utility vehicles
- Remote and recreational applications
- Automotive workshops and service centers

For Australian automotive businesses, this creates opportunities not only for product sales, but also for professional installation, service packages and fleet solutions.

Built on More Than Two Decades of Product Development
leagend JS Series is the result of leagend's long-term investment in automotive electronics—not a standalone technology initiative.
For more than 20 years, as a top manufacturer, leagend has focused on developing products for vehicle battery management, electrical diagnostics and automotive applications.
This experience has enabled the company to build expertise across hardware engineering, embedded electronics, intelligent control systems, battery technologies and automotive diagnostics.
The development of supercapacitor-based starting technology demonstrates leagend's ability to take this experience into new product categories and develop solutions around emerging automotive requirements.
For B2B customers, this product-development capability is an important part of the value proposition.
A strong supplier should not only deliver today's products—it should have the engineering capability to develop tomorrow's products.

A Growing Automotive Electronics Portfolio
While leagend JS Series represents one of leagend's newest technology developments, it forms part of a much broader automotive electronics portfolio.

leagend's product range includes:

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.

Supercapacitor Jump Starters
leagend JS Series introduces leagend's latest technology platform, combining battery-free supercapacitor energy storage with intelligent control and permanent vehicle integration.
Together, these categories demonstrate leagend's broader capabilities across the vehicle battery, electrical, diagnostic and starting systems.

Technology Development That Creates Business Opportunities
For distributors and automotive businesses, product differentiation is becoming increasingly important.
Highly competitive automotive categories can make it difficult for channel partners to build sustainable margins when products are easily interchangeable. Technologies that offer a clear and understandable point of differentiation can create new opportunities for retailers, distributors and professional service providers.
The leagend JS Series provides exactly that type of differentiation.
Instead of competing solely on battery capacity or peak current—a common approach in the portable jump starter market—the JS Series introduces a different product architecture based on supercapacitor energy storage and permanent vehicle integration by integrating is advanced battery testing, battery monitoring, battery protecting and always-ready starting technologies.

This gives Australian partners an opportunity to develop new offerings around:
Product distribution
Introduce differentiated automotive electronics to established retail and wholesale channels.
Professional installation
Offer leagend JS Series installation as an additional service through workshops, auto electricians and automotive accessory businesses.
Fleet solutions
Explore applications where starting reliability and vehicle uptime are important operational considerations.
Automotive aftermarket packages
Combine starting assistance with battery monitoring, testing, charging and diagnostic products.
OEM and private-label cooperation
Develop tailored product opportunities for qualified automotive businesses and brands.

Partnering with Australia's Automotive Industry
leagend is now looking to strengthen its relationships within the Australian automotive market and welcomes discussions with distributors, wholesalers, retailers, workshops, auto electricians, fleet solution providers, automotive accessory companies and strategic partners.
The company's broad product portfolio, combined with more than two decades of development experience, provides partners with the opportunity to build a relationship around multiple automotive electronics categories, rather than a single product.
For businesses looking to introduce differentiated automotive technology to Australia, leagend offers not only products, but also the engineering and development capability behind them.

The Next Generation of Automotive Electronics
The automotive aftermarket is moving toward products that are smarter, more integrated and designed around long-term vehicle needs.
leagend's new supercapacitor jump starter technology is part of this transition.
Backed by more than 20 years of automotive electronics experience and a strong product development foundation, leagend, as a top manufacturer in the global market, is continuing to expand its technology portfolio—from battery testing and monitoring to charging, diagnostics, thermal imaging and advanced vehicle starting solutions.
For Australian automotive businesses looking for differentiated products and a long-term technology partner, leagend is open to new cooperation opportunities.
Distribution. Wholesale. Retail. Professional Installation. Fleet Solutions. OEM & Private Label.
leagend — One of the Industry’s Leading Manufacturers, with 20+ Years of Automotive Electronics Expertise.
Developing the Technology Behind the Next Generation of Automotive Solutions.
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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