

THE WORLD LEADER IN ENERGY STORAGE FOR LOW-VOLTAGE



Global Market Position

 \sim 4 \times

Larger than the Closest Competitor Based on Production Volume

1 IN 3

Vehicles Powered by a Clarios Battery Worldwide

~155M

Batteries Sold Annually

100+

Countries Supplied by Our Volume Globally

~80%

Of Sales Focused on Highly Resilient and Reoccurring Sales in the Aftermarket Channel

100%

Of Our Products Sold are Recyclable

130+

Year Tradition of Innovation and Growth

CLARIOS BRANDS











EVERY VEHICLE TYPE NEEDS A LOW-VOLTAGE BATTERY CLARIOS





AS WE LOOK TO THE FUTURE, OUR INDUSTRY IS BEING TRANSFORMED BY THREE KEY TRENDS:











TODAY'S TAKEAWAYS

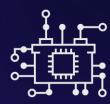




The industry is transforming, creating strong growth tailwinds for Clarios



We are benefitting from a multi-decade mix-shift to higher-margin advanced batteries



Our total systems
expertise is driving value
for customers



Our chemistry agnostic portfolio and total systems approach enables us to optimize for our customers



We are investing
significantly in innovation
to drive the future
of mobility



We are leveraging AI & automation to drive operational excellence in our factories and business

Clarios is well-positioned for long-term, sustainable growth and continued low-voltage leadership globally.



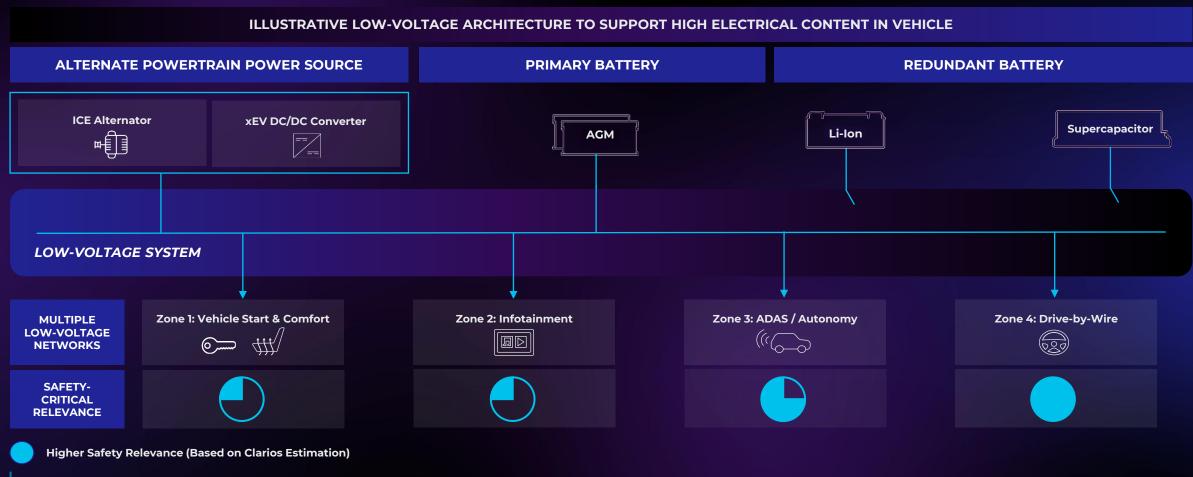
CLARIOS COLLABORATES WITH OEM CUSTOMERS TO PROVIDE INTEGRATED LOW-VOLTAGE SOLUTIONS.





Solutions provided can be leveraged and scaled across end markets

CLARIOS' LOW-VOLTAGE SOLUTIONS ENABLE PASSENGER CLARIOS VEHICLE POWER DEMANDS, DRIVEN BY KEY MOBILITY TRENDS



Clarios' footprint extends beyond the battery, with the ability to provide holistic and comprehensive Low-Voltage System Solutions

CUSTOMERS ARE DRIVING DEMAND ACROSS OUR PORTFOLIO





PROGRESSING ON ADVANCED DEVELOPMENT



SODIUM-ION



BENEFITS

- Reduced Supply Chain Risk
- Availability of materials
- Attractive energy density
- Cost saving potential about 15-20% vs Li-ion

SUPERCAPACITORS



USES

- Short bursts of high power
- Power stabilization / Peak Power
- CO2 / Fuel Efficiency
- Safety & Redundancy

DEVELOPMENT & COMMERCIALIZATION ROADMAP

Partnership development with Global OE Altris investment, BOD seat, Tech Committee Chair Cell, system & fleet testing, followed by industrialization Potential for vehicle platform before end of decade

DEVELOPMENT & COMMERCIALIZATION ROADMAP

Partnership development with Global OE Won first contract w/SOP before end of decade

Design verification testing, followed by industrialization

Clarios continues progress on Sodium-ion & Supercapacitors.

SUPERCAPS





Power Stabilization/Peak Power



CO₂ / Fuel Efficiency



Safety & Redundancy

ACTIVE CHASSIS SYSTEMS REQUIRE SHORT BURSTS OF POWER.

SUPER CAPACITORS ARE ONE SOLUTION FOR THE FUTURE.

Adding supercapacitors to the Clarios Low-Voltage Portfolio to deliver an Integrated and cost-optimized solution

Clarios Partners with European Truck Manufacturer: Launching development of 24-volt lithium-ion batteries



- Lighter, safer, and more robust
- Supports overnight stays without idling and integrates safety and autonomous features
- Enhancing fleet efficiency.
- Smart diagnostics and predictive maintenance
- Marketed by VARTA Automotive in Europe





THANK YOU

STAY CONNECTED AT CLARIOS.COM