Powering next gen mobility

VERS active inside

Energy Recuperation System
Product Card



VER5

New standard of efficiency

New advancements in carbon and Graphene technologies enabled Energy Recuperation with 99% efficiency across the Automotive industry. Our systems focus on recovering energy in the process of combustion engine braking — rather than dissipating the kinetic energy into heat, recuperation provides significant fuel savings.





Energy Recuperation System



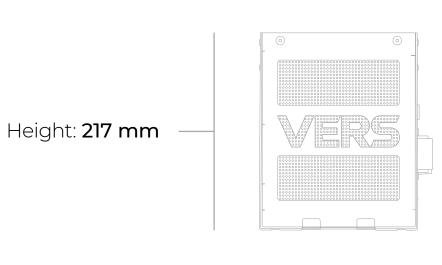
Our Systems maintain rigorous testing, Quality Assurance and CE Certification standards. VERS is a universal device compatible with every combustion Truck, Bus & Coach equipped with a CAN interface. The System dimensions and low weight - 20 kg - make it a plug&play application.

Rated voltage: **24V**Maximum Power: **350 A**Energy Capacity: **30 Wh**

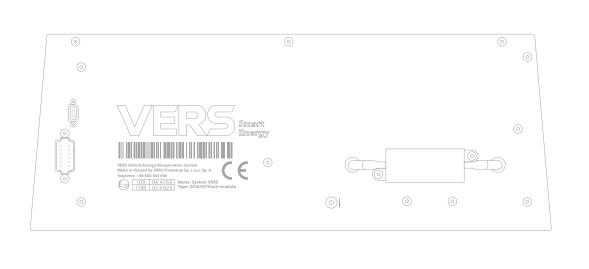


Certification

CE Certification, Homologation No. 10, No. 118



Width: 211 mm



Length: 560 mm

Battery Protection



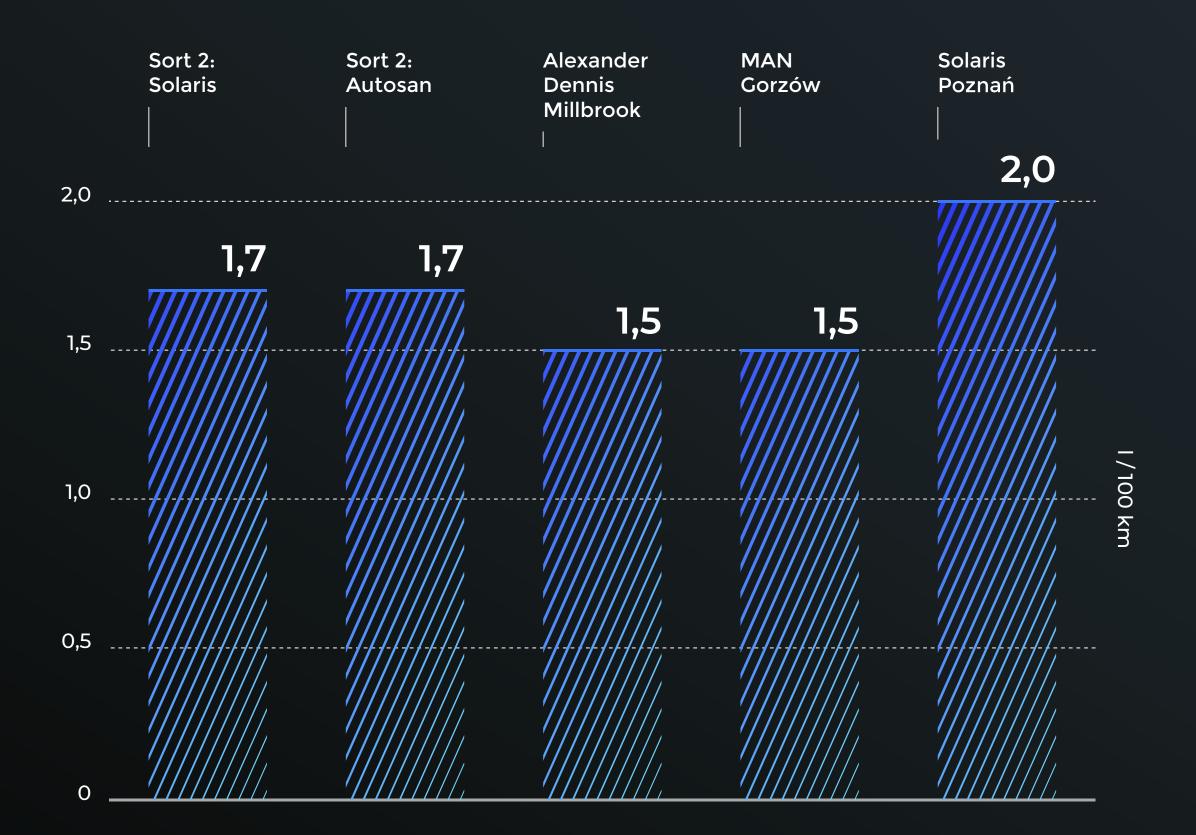
Power when you need it

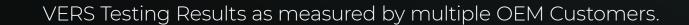
Winter conditions and low battery levels can affect fleet reliability in Northern climates. VERS System is equipped with functions dedicated towards battery problems: Cold Start Assist and Battery Protection. First, the System supports the starter with up to 300 A of additional current making it practically 100% reliable in all conditions. Secondly, it protects the onboard battery from high loading currents, lengthening its life expectancy by up to 400% (as tested with City Bus Customers).

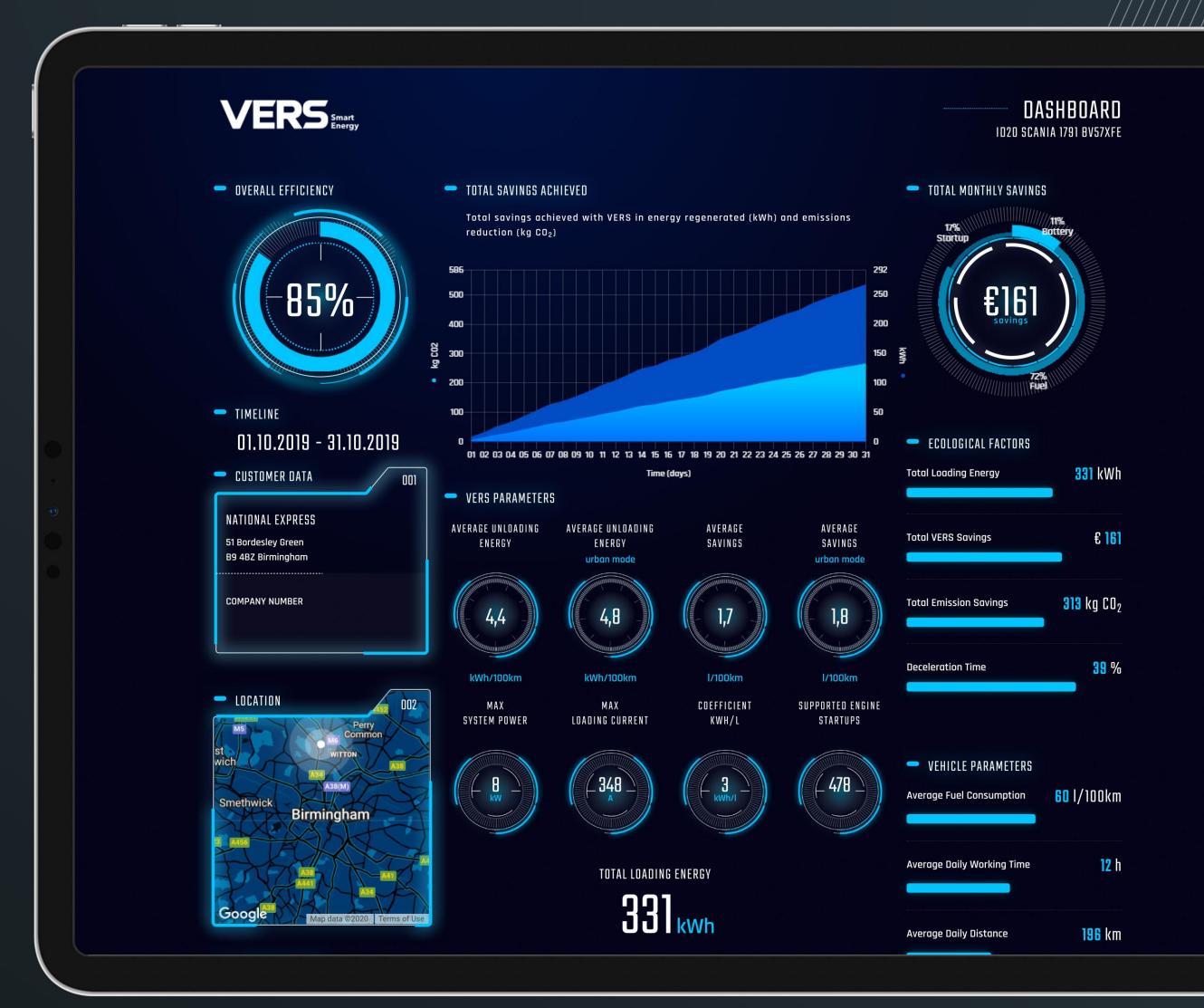


Regular savings

Each VERS System can be equipped with a Monitoring unit, measuring performance and sending the data via Wifi. Our Customers receive regular updates on their savings in Monthly Reports delivered to their email. VERS savings are verified with numerous OEMs and Operators in Comparative SORT2 testing and during normal operation in over 500 buses in 20 European cities.







Above, **VERS Monthly Report** generated from our custom Monitoring unit. The average Return on Investment is estimated to 3-5 years of a City Bus operation.

Customer Contact

We are delighted to know your views. If you need additional information or would like to test VERS Systems onboard your buses, please feel free to contact our Customer Team.

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