



Reimagine EV Powertrain Design with Ansys ConceptEV

Ansys ConceptEV is a dedicated design and simulation platform for the concept design of electric powertrains. System and component design engineering teams can collaborate on a shared and democratized system simulation connected to requirements from the start of the design process .

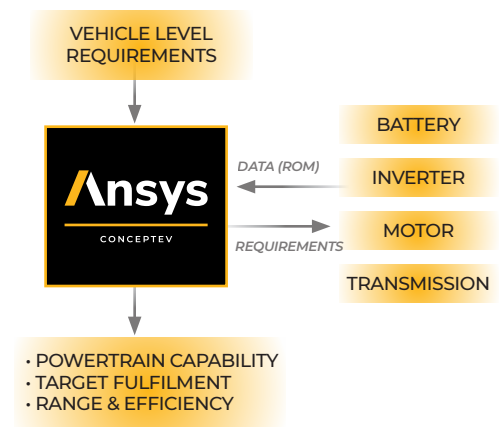


Experiencing Ansys ConceptEV

- Model-based approach to optimizing powertrain systems and components.
- Data-driven decisions can be made early in the design process.
- Shared system model enables teams to share their knowledge and insights.
- Platform consists of a democratized tool with a single workflow that requires minimum data to begin. Depth of analysis is available to experts.
- Solution is scalable for increasing demand, complexity, and number of users.

Taking a Step Forward

- Quickly obtain the most efficient powertrain that meets the targeted specifications for range and weight.
- Reduce overall costs, number of design iterations, and time to market.
- Increase teams' engagement, foster innovation, and boost confidence.
- Develop more competitive and sustainable powertrains that meet consumer and market expectations.



Ansys ConceptEV is the EV powertrain design and simulation platform that will support the automotive industry in the development of next-generation vehicles. The powerful simulation workflow of ConceptEV will help you develop the optimal size, weight, and performance of your powertrain. Streamline repeatable tasks and minimize errors while increasing the overall efficiency of your end products and the productivity of your multidisciplinary engineering teams.

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