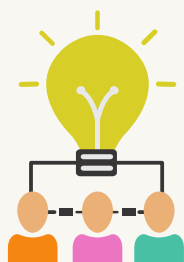




BATTERY THERMAL SYSTEM ENGINEER



A battery thermal system engineer is responsible for designing, developing, and testing thermal management systems for batteries. They are responsible for ensuring the safe and optimal temperature range for the battery cells to function properly and preventing thermal runaway.



They work with a team of engineers and scientists to create efficient and safe thermal management solutions for electric vehicles, consumer electronics and other applications.



They need to have a strong understanding of thermal science, thermodynamics, and heat transfer, as well as experience with thermal management systems, safety protocols and regulations. They also need to be familiar with simulation and modeling tools to predict the thermal performance of the battery systems under different conditions.