

Robotics/AGV



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The growing prevalence of autonomous vehicles necessitates the need for dependable and efficient battery systems. Rechargeable battery packs will provide long life and fast charging to power all types of autonomous vehicles. From **home and garden applications to industrial warehousing applications**, regardless of the programmed purpose **Alexander Battery Technologies can design and manufacture the perfect battery pack** and charger for you.

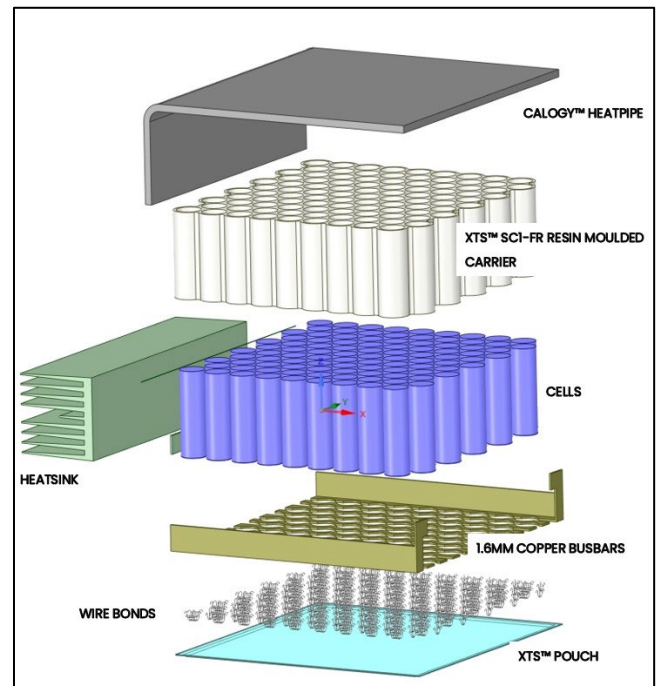
Battery Requirements

We make fully customisable battery packs to perfectly integrate with your application no matter the space requirement. Our customers require their packs to have fast charging times and longer life cycles to ensure their application is successful in the market. The pack will also need to be built inside a robust shell to ensure high performance and durability for the applications lifetime.

Alexander Battery Technologies

With the support of our highly skilled and experienced team, we design and manufacture completely customisable lithium-ion battery packs and chargers for autonomous vehicle solutions. From our **market leading Battery Technology Centre and UK manufacturing facility**, we conceive and deliver innovative product solutions, delivering each project on-time and on-budget to a global client base. Our experience includes:

- High Power packs
- BMS
- Certifications & approvals
- Heating & cooling systems
- CAN communication
- Long cycle life
- NVH/thermal simulation



Applications



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