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The lithium-ion battery system offers a high degree of flexibility through the use of high-power and high-energy modules. Tailored to your requirements, an optimal ratio between fast charging capability and range is thus realised. Based on the high-power or high-energy module, the voltage, current, power and energy characteristics of the battery system can be individually scaled.

Thanks to the modular concept and our many years of expertise, customer- and application-specific designs can be individually represented in accordance with current guidelines and standards.

Certified development ensures compliance with railway-specific guidelines and standards according to IEC-62928 to simplify the homologation process. Based on customer-specific load profile simulations, individual electrical and thermal designs as well as service life forecasts are carried out based on in-house cell tests.