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## Products and Services for Energy Storage Solutions



# Technical expertise for energy storage systems



RRC power solutions has over 25 year expertise in developing smart battery, charging and storage systems. Our holistic portfolio includes the following features:

- Customer specific battery designs
- Battery management systems (BMS)
- DC/DC inverter
- Power management and control units (PMCU)
- Bi-directional AC/DC inverter
- Mechanical systems
- Application specific software

Our clients respect our systems and components regarding safety, performance and longevity, which is based on our core competency and know-how in these fields. Our Headquarter in Homburg hosts our innovation and development center for electronics, mechanics, and software. You can choose as to how much RRC can provide! From ODM production of components, functional elements to complete systems and solutions. Our in-house EMC lab verifies the designs and releases them for production. RRC is not only qualified for ISO 9001 but also to the much more stringent quality management system for medical devices, ISO 13485.



Large scale solutions for utilities and energy providers with multi-use.

Tailored local storage solutions and integration into on site energy management

Scalable and variable home storage solution with PV connection DC and / or AC



## Consultancy and Service

Energy storage systems can be used in various applications. Focus in the residential segment is toward self-consumption, autonomy and energy availability. In local and public grids additional application like reactive power compensation, provision of primary and secondary control reserve, improvement of grid stability and quality are in the foreground. Besides the technology, especially the know-how and expertise in data analysis of demand and generation data, system requirements as well as energy efficiency measures distinguish RRC from other players. After-sales-support, maintenance and operations complete our services as a turn-key solutions provider.

## Products and solutions

Our portfolio ranges from residential and local systems to energy storage solutions with multi MWh capacity for utilities, industrial, commercial, and residential clients. Compact storage solutions (up to 20 kWh) we develop, certify, and produce for our OEM and ODM customers. Scalable solutions (hundreds of kWh) we design together with our partners. In the field of large scale energy storage solutions (multiple MWh) we accompany you from energy analysis and consultancy over system design, construction and installation to approval and operation on site.

... What may we do for you?