

The 48V-Hybrid Project with a big automotive producer

A more compact, mobile, high-performance solution



Equipment used from the portfolio of Schulz-Electronic:
· TC.GSS.20.65 65 built into customized rack

The challenge

The automobile producers needed a 48-V on-board wiring simulation for a new development. They already had a TopCon 10.52.400.S which they had purchased from Schulz-Electronic, and a big EA-load. However, to suit the new conditions a more compact, higher-performance solution was now required. Ideally, the device they had in mind should not only feed power back into the grid, but should also be able to produce and absorb it. In addition, various safety specifications had to be adhered to – particularly with regard to the discharging of an 85F or 165F SuperCap in the event of a fault (this had to be safely discharged after activating the emergency switch, since the set-up is kept at zero potential).

The solution

For the “action men” at Schulz-Electronic a fruitful, target-oriented relationship with customers is very important. So that we could offer our customers the appropriate solution, we made an on-site visit to the people in charge of the project. At this meeting our specialists already presented a concrete solution to fit the specifications, thus saving the customer valuable time. The specially-developed solution: a TC.GSS.20.65.400.S with a rack, as a compact, high-performance battery simulation for 48 Vdc.



At www.schulz-electronic.de you can find out more about our projects. And of course you're welcome to get in touch with us any time you need a (special) solution – we will always be pleased to listen to your requirements!