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# Power System of a New Generation: Power Losses Calculation of SKiIP39AC12T4V1

**Type of task:** Scientific research

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**Note:** The content is a subject of a trade secret.

## Annotation

This research report deals with thermal power losses simulations. The simulations were performed by using a simulation software Semisel 4.1 provided by SEMIKRON. Thermal simulations were focused on the most powerful module of the MiniSKiiP family SKiiP39AC12T4V1. The aim of this report is presentation of the available power range of the MiniSkiip module SKiiP39AC12T4V1 to demonstrate application possibilities with the strong emphasis on the AIR COOLING.