

Power Supply System for the RIKEN-MUSES Project, T. KATAYAMA, S. WATANABE, CNS* - Recently high-quality power supply is required for the advanced particle accelerators like the RIKEN-MUSES project. The BSR, ACR and DSR are lattice-magnet families of MUSES project. The peak powers of ACR and BSR are estimated at 1.5 and 13.8 MW, respectively. The peak power of DSR is under estimation. The paper focuses not only design study of magnet power supplies but also their control system.

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