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Magnet Power Supplies for SuperKEKB Main Ring

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The first beam commissioning of the SuperKEKB has finished in June 28, 2016. Almost all the magnet power supplies in SuperKEKB were reused ones of KEKB main ring. Some of the power supplies were improved to satisfy the requirements of optical design, and some of them were replaced by new power supplies. Several tests were performed for all of the power supplies to check the soundness. The total number of the power supplies is about 2500. Several failures of the power supplies were happened and they stop the beam operation during the first beam commissioning.

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