

## **Relevant Standards and Requirements of Coordination between Electric Railcars and Power Supply Systems**

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Coordination between electric railcars and power supply systems is essential to introduce new technical elements in onboard power conversion systems. The standard on the coordination is established in Europe, whereas there are no documents to rely upon in Japan. The European standard, which operates as a mandatory standard concretely designates technical specific values. Therefore, understanding the standard is essential of performing business abroad. The standard is also useful for performing business in Japan, in situations such as determination and assessment for new technical elements. Considering these circumstances, this paper explains the requirements regarding the coordination to be also useful for business in Japan.