

ABSTRACT

A setting unit of a power conversion device according to an embodiment sets a continuation time to be random and sets one carrier frequency among a plurality of mutually-different carrier frequencies as a set carrier frequency. Accordingly, a carrier generating unit generates a carrier of the particular set carrier frequency during a certain continuation time. Then, a PWM signal generating unit generates a PWM signal based on the carrier generated by the carrier generating unit, and a power conversion unit executes a power conversion based on the generated PWM signal and supplies converted power to a load.