

ABSTRACT

Provided are: a wireless power transmission apparatus with which an input impedance value is set by adjusting coupling coefficients between coils provided to a power supply device that wirelessly transmits power and a power receiving device, without adding new equipment, thereby enabling the power (the current) to be supplied to be controlled; a supply power control method; and a manufacturing method for the wireless power transmission apparatus. The supply power control method for the wireless power transmission apparatus (1), wherein power is supplied from a power supply module (2) to a power receiving module (3) by altering a magnetic field, involves adjusting coupling coefficient values between adjacent coils so as to set an input impedance (Z_{in}) value of the wireless power transmission apparatus (1) to a desired value, and adjust the power to be supplied.