[Document Name] Abstract

A battery controller of an embodiment has a holder, a calculator, an acquirer, a calculator, and a controller. The holder holds, at a predetermined time, a value of an amount of a received power, the received power having been supplied from an electrical power receiving system to equipment that is to be supplied with a power from a rechargeable battery. A calculator calculates a difference between a present value of the amount of the received power supplied from the electrical power system to equipment and a last-held value of the amount of the received power last-held by the holder at the predetermined time. An acquirer acquires a command value of the amount of the received power for each predetermined time period defined by a predetermined time interval. A calculator calculates a limit value of the amount of the received power for each time that is shorter than the predetermined time, based on the command value of the amount of the received power for each predetermined time period. A controller controls charge and discharge in the rechargeable battery, based on the difference calculated by the calculator and on the limit value of the amount of the received power.