

ABSTRACT

CHARGE AND DISCHARGE CONTROL DEVICE, CHARGE CONTROL METHOD,
DISCHARGE CONTROL METHOD, AND PROGRAM

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When a required power required by a load 120 is larger than or equal to a reception peak-cut power, a charge and discharge control device 150 has a secondary battery 140 discharged at a power rate that is larger or equal to a difference between the required power and the reception peak-cut power, and when the required power is smaller than or equal to the reception peak-cut power, the charge and discharge control device 150 has the secondary battery 140 discharged at a power rate that is smaller than or equal to the discharge improving power value. Alternatively, when a regenerative power generated by the load 120 is larger than or equal to a transmission peak-cut power, the charge and discharge control device 150 has the secondary battery 140 charged at a power rate that is larger or equal to a difference between the regenerative power and the transmission peak-cut power, and when the regenerative power is smaller than or equal to the transmission peak-cut power, the charge and discharge control device 150 has the secondary battery 140 charged at a power rate that is smaller than or equal to the charge improving power value.

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FIG. 1