

ABSTRACT

CHARGING AND DISCHARGING CONTROL DEVICE, CHARGING AND
5 DISCHARGING CONTROL SYSTEM, CHARGING AND DISCHARGING
CONTROL METHOD, AND PROGRAM

Within a range of a second limit current ($\pm I_{adj_max}$) set based on the
performance of a secondary battery (140), a charging and discharging control device
10 (170) determines an upper limit value (I_{adj_limit}) or a lower limit value ($-I_{adj_limit}$)
of a state of charge (SOC) adjustment current (I_{adj}) in accordance with load power
(required power and regeneration power) of a vehicle (100). Using an adjustment logic
determined based on these limit values of the SOC adjustment current (I_{adj}), the
charging and discharging control device (170) also determines the SOC adjustment
15 current (I_{adj}) corresponding to an actually measured SOC value of the secondary
battery (140).

Fig. 1