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CHARGE/DISCHARGE CONTROL METHOD**(71) Applicant: **FDK CORPORATION**, Tokyo (JP)(72) Inventors: **Yosuke Saito**, Tokyo (JP); **Kazuhiro
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(57)

ABSTRACT

A backup power supply device is provided with: first to fifth battery packs connected in parallel; a charger that supplies a charge current to each battery pack; first to fifth charge switches that individually connect and disconnect charge paths of the respective battery packs; and a controller that controls each charge switch. The controller divides the battery packs into a plurality of groups and performs pulse-width modulation (PWM) control of each charge switch at a duty ratio corresponding to the number of batteries in each group to charge the battery packs for each group.

