

ABSTRACT

A battery capacity variable control apparatus includes a sensor unit configured to measure an electrical characteristic value of a battery to output real SOC information, an input unit electrically connected to the sensor unit and configured to set a capacity limit rate of the battery based on the real SOC information output by the sensor unit, and a control unit electrically connected to the input unit and configured to selectively vary a use region where the battery is charged or discharged according to the capacity limit rate set by the input unit to output virtual setting SOC information, and to set a usage of the battery according to the virtual setting SOC information.

FIG. 1