TITLE OF THE INVENTION: POWER CONTROL METHOD AND APPARATUS, ENERGY STORAGE SYSTEM, AND NONVOLATILE STORAGE MEDIUM

Abstract

Disclosed are a power control method and apparatus, an energy storage system, and a nonvolatile storage medium. The method includes: acquiring a State of Charge (SOC)of each of a plurality of battery cells in the energy storage system, and a power direction and a power level of a microgrid connected to the energy storage system; determining, according to the SOC of each of the plurality of battery cells and the power direction of the microgrid, an optimal cell power, and a maximum cell power of each of the plurality of battery cells matching the power direction ; determining total optimal power and total maximum power of the plurality of battery cells according to the optimal cell power and the maximum cell power; and determining an actual cell power of each of the plurality of battery cells according to the total optimal power, the total maximum power, and the power level.

Fig. 2