

ABSTRACT

BATTERY CAPACITY ESTIMATION METHOD AND APPARATUS, AND COMPUTER STORAGE MEDIUM

Disclosed are a battery capacity estimation method and apparatus, and a computer storage medium. The method includes: acquiring a voltage-capacity curve of a battery in real time in a battery charging process (S110); performing differentiation on the voltage-capacity curve to obtain a voltage differential-capacity curve (S120); determining a voltage knee point in the voltage-capacity curve according to the voltage differential-capacity curve; acquiring a pre-calibrated reference capacity value corresponding to the voltage knee point (S170); acquiring charging electric quantity of the battery from the voltage knee point to a full-charge state (S180); and obtaining actual capacity of the battery based on a sum of the reference capacity value and the charging electric quantity (S190).