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(54) **ELECTRONIC DEVICE COMPRISING
PLURALITY OF BATTERIES, AND
OPERATING METHOD THEREFOR**

(52) **U.S. Cl.**
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(57) **ABSTRACT**

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An electronic device according to various embodiments may comprise: a plurality of batteries; a charging circuit configured to charge the batteries; a first circuit configured to: the voltage of each battery so as to acquire voltage values of the respective batteries, and transmit one of the acquired voltage values to the charging circuit; and at least one processor, comprising processing circuitry, individually and/or collectively, configured to control the first circuit. At least one processor, individually and/or collectively may be configured to: control the first circuit so that the first circuit transmits, to the charging circuit, a maximum voltage value from among first voltage values of the respective batteries, based on the first voltage values of the respective batteries, acquired by the first circuit, exceeding a first threshold voltage value, determine whether the batteries have been fully charged, select one of the batteries that have not been fully charged based on some of the batteries not being fully charged, and control the first circuit to transmit, to the charging circuit, a second voltage value of the battery selected by the first circuit from among second voltage values of the respective batteries, acquired by the first circuit.

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