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(57) **ABSTRACT**

In this application, a lower state of charge limit of the energy storage system may be determined based on a state of health of the energy storage system, an upper state of charge limit may be obtained based on a state of charge threshold, and the lower charging voltage limit and the upper charging voltage limit of the energy storage system may be determined based on the lower state of charge limit and the upper state of charge limit, to control the charging voltage of the energy storage system based on the lower charging voltage limit and the upper charging voltage limit.

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