

ABSTRACT

Provided are a method and apparatus for controlling an air conditioning unit, an electronic device, and a readable storage medium. The method includes: determining a load adjustment target value of the air conditioning unit; obtaining an operation condition parameter of each of the plurality of compressors, and calculating first optimal efficiency and a first workload of each of the plurality of compressors based on the operation condition parameter; obtaining second optimal efficiency and a second workload of the air conditioning unit by performing cross-permutation and combination calculation on the first optimal efficiency and the first workload of each of the plurality of compressors; determining target optimal efficiency and a target workload from the second optimal efficiency and the second workload of a plurality of air conditioning units based on the load adjustment target value; and controlling, based on the target optimal efficiency and the target workload, the air conditioning unit to perform a refrigeration operation or a heating operation.

FIG. 2