

SolarInnovate Energy Solutions

ASEAN EK Solar Air Conditioner Sample



Overview

Why should ASEAN standards be harmonised for air conditioner testing?

The specific objective of this project is to harmonize standards for testing methods for air conditioners among ASEAN Member States, as the necessary preliminary step towards achieving the long-term objectives under the ASEAN Plan of Action for Energy Cooperation 2016-2025.

How many air conditioners are in the ASEAN region?

Today, the ASEAN Regional Policy Roadmap for Energy Efficient Room Air Conditioners (2022-2025) indicates that Air conditioner ownership in the ASEAN region is projected to increase significantly, with estimates suggesting that the number of units will grow from nearly 50 million in 2020 to approximately 300 million by 2040.

Where can I find ASEAN energy-efficient air conditioner results?

The results for each ASEAN member states is available on the U4E Website, along with a summary in Figure E1 and E2. Figure E1. ASEAN Savings Potential of Energy-Efficient Air Conditioners (Three Scenarios).

Do ASEAN AMS impose mandatory requirements for energy efficient ACS?

While most of ASEAN Member States (AMSs) have adopted energy efficiency standards and labelling regulations on ACs, there are some AMSs have yet to impose mandatory requirements for ACs manufacturers to produce and commercialize energy efficient ACs.

Will ASEAN reach CSPF 6 by 2050?

The ASEAN region is experiencing a sharp rise in cooling demand, with air conditioner energy consumption projected to reach 35.5 MTOE by 2050. In response, ASEAN has adopted increasingly stringent Minimum Energy Performance Standards (MEPS) for room air conditioners, aiming to reach a regional benchmark of CSPF 6.09 by 2030.

What is the objective of the ASEAN AC Project?

The objective of this project is to accelerate the deployment of higher efficient ACs in ASEAN through removal of non-tariff barriers to trade and active policy support to AMS. More specifically, the following are the project's main outputs:

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Promotion and Deployment of Energy Efficient Air Conditioners in ASEAN

5 days ago · The project aims to evaluate the impact of the ASEAN SHINE program and provide the recommendation for promotion of higher efficient air conditioners in ASEAN. Following ...

Roadmap towards Sustainable and Energy-Efficient Space ...

Apr 14, 2022 · Space cooling is the fastest-growing use of energy in buildings globally and in the Association of Southeast Asian Nations (ASEAN). Electricity use for cooling in buildings ...



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