

ASEAN International Installs Solar Air Conditioners





Overview

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.

Will ASEAN air conditioner ownership continue to grow?

With continued economic development and population growth across the region, the International Energy Agency (IEA) projects that air conditioner ownership across the ASEAN Member States (AMS) will continue to grow.

Will ASEAN achieve CSPF 6 by 2030?

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. While countries like Singapore lead in implementation, others face challenges in manufacturing readiness and affordability.

Will inverter RAC grow in ASEAN?

The Lawrence Berkeley study, which assumes that demand for air conditioning in tropical regions like ASEAN is relatively non-elastic (meaning demand remains stable despite price changes), reveals that increasing adaptability to higher efficiency standards will push manufacturers towards inverter RAC for considerable growth.



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Executive summary

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The Challenge Air conditioners (ACs) represent close to 50% of household electricity consumption in ASEAN (Association of Southeast Asian Nations). Currently, the market share of ACs with ...



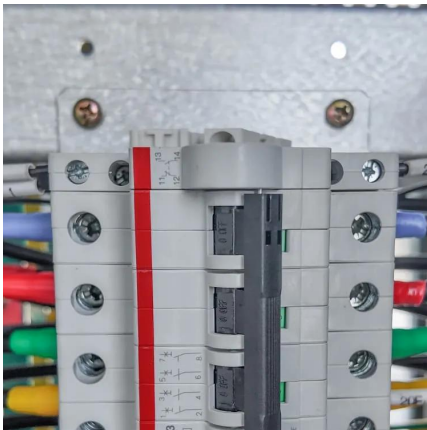
Executive summary

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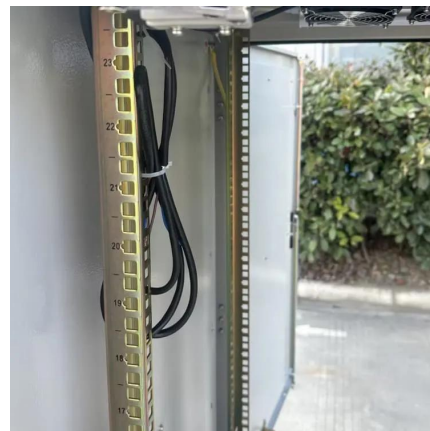
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Solar air conditioners are entirely self-contained which means they don't depend on a power utility company. So, regardless of the space, location or external conditions of the building, when ...



[ASEAN Energy Efficiency Landscape for Air Conditioners](#)

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[ASEAN's Path to Harmonised Air Conditioner Standards: ...](#)

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[Shanghai Sealey Air Conditioning Co., Ltd.](#)

Nov 4, 2025 · Our company mainly manufacture solar air conditioner, normal air conditioner, elevator air conditioner and heat pump water heater.



Solar Air Conditioner

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