

Hybrid Solar Wall-Mounted Air Conditioner

This hybrid solar air conditioner saves 30%-50% electricity and can run in temperatures from -5 to 53C. It uses solar heat energy to reduce the burden on the compressor.



Product Overview



The solar collector preheats the refrigerant, reducing compressor workload and improving efficiency.

Energy-Efficient Hybrid Solar Air Conditioning

This wall-mounted hybrid solar air conditioner utilizes advanced solar-assisted technology to reduce electricity consumption by 30-50%. By leveraging solar thermal energy to assist the compressor, the system maintains high performance while lowering operational costs. Designed for versatile year-round use, it operates effectively in temperatures ranging from -5°C to 53°C and includes intelligent features like defrosting and a user-friendly digital interface.

Key Features

Key Functionalities

- Solar-assisted energy saving
- Intelligent defrosting
- Digital LED display
- Fluorescent button for night use
- Anti-dust air filter
- Digital e-Touch operation

Certifications

CE Certified

Performance

Cooling and Heating Capacity

Model	Cooling (Btu/h)	Heating (Btu/h)	Area (m ²)
TKF(R)-26GW	9000	10000	11~17
TKF(R)-35GW	12000	13000	15~23
TKF(R)-60GW	20000	22000	25~42
TKF(R)-72GW	24000	27000	30~48

Noise Levels

40 dB(A)
Indoor (Min)

50 dB(A)
Outdoor (Min)

Technical Details

Power Supply	220-240VAC, 1PH, 50Hz
Temperature Range	-5°C to 53°C