

Solar Powered Air Conditioner

This air conditioner is powered by solar energy, offering an energy-efficient cooling solution. It is designed to operate smoothly in temperatures ranging from -5 to 53 degrees Celsius.



Product Overview

Solar Assisted Hybrid Technology

This hybrid air conditioner uses solar heat energy to reduce the burden on the compressor, resulting in 30-50% energy savings. Designed for high reliability, it features high-efficiency heat exchange systems and copper piping to ensure longevity and optimal cooling. The system is user-friendly, featuring an intelligent defrosting mechanism, digital e-Touch controls, and fluorescent buttons for easy operation at night.

Certifications

ISO 9001, CQC, CE

Technical Performance

Key Performance Metrics

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

Energy Efficiency (EER)

3.64 W/W

EER (26GW)

3.89 W/W

EER (35GW)

3.88 W/W

EER (60GW)

3.82 W/W

EER (72GW)

Electrical Requirements

220-240VAC, 1PH, 50Hz

Features

System Capabilities

- Solar-assisted energy saving (30-50%)
- Intelligent defrosting system
- Digital e-Touch operation
- Anti-dust air filtration
- Fluorescent buttons for night visibility
- Hydrophilic aluminum foil for enhanced cooling