

Solar-Assisted Split System Air Conditioner

This split system air conditioner utilizes solar energy to supplement its power source, offering substantial energy savings. It features a high-efficiency heat exchange system and is designed for both cooling and heating.



Product Overview



The split system configuration includes an indoor unit and outdoor condenser for efficient climate control.



Energy-saving solar-assisted design for residential and commercial applications.

Solar-Assisted Climate Control

This hybrid solar-assisted split system air conditioner is engineered for significant energy savings, reducing consumption by 30-50% compared to traditional units. By utilizing solar heat energy to reduce the burden on the compressor, the system achieves high cooling capacity with greater efficiency. Designed for both residential and commercial use, it features advanced heat exchange technology, durable components, and user-friendly operation for reliable climate control.

Certifications & Standards

Certifications	CE, ISO 9001
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Key Features



High-quality internal components, including copper tubing and compressors, ensure system reliability.

System Features

- Digital LED display
- Anti-dust air filter
- Fluorescent buttons for night visibility
- Digital e-Touch interface
- Multi-fold heat exchanger
- Hydrophilic aluminum foil coating

Technical Specifications



Advanced cooling technology with eco-friendly refrigerant and quiet operation.

Performance Matrix

Model	Cooling (Btu/h)	Heating (Btu/h)
TKF(R)-60DW	20000	22000
TKF(R)-72DW	24000	27000
TKF(R)-100DW	36000	40000
TKF(R)-120DW	41000	46000
TKF(R)140DW	48000	55000

Indoor Noise Level

50 dB(A)

Models 60DW/72DW

53 dB(A)

Model 100DW

Power Supply

220-240VAC, 1PH, 50Hz