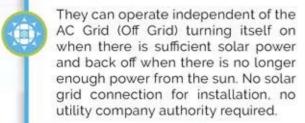


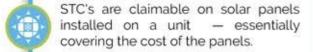
olar Air Conditioner

Solar Powered Cassette











Brushless DC motors in both indoor and outdoor units ensures extremely quiet operating levels.

Can be set to limit the AC power input if power consumption is a concern due to maximum power demand or simply to minimize the power consumption for economic savings.

Using solar power for one of our

highest energy consuming appliances. Just common sense!

CB (E (C (C) & (O)





New Genaration ■ 360° Outline



100% Eco Up to 100% Savings during the day time

Limiter





Savings No Inverter, Battery, or Charge controller

Wide Operating Temperature Temperature Range -10°C to +58°C

Grid AC Power





Auto Balance







Solar Air Conditioner

Solar Powered Cassette

APPLICATION

Solar ACDC hybrid solar air conditioners require no batteries, and only a few PV panels to deliver huge savings. During the day, when air conditioning is needed the most, you can operate this unit partly or up to 100% by it's independent solar panels to achieve maximum efficiency. At night, you can continue to save due to it's high efficiency.

The WIFI functionality allows full control, daily and weekly timers, complete visibility with AC and DC consumption and the history of all power consumption.

PYOUR BENEFITS

- 顶 Efficient brushless DC permanent magnet variable frequency twin rotary compressors.
- Can run directly on 100% solar power during the daytime.
- Eco-Friendly R32 Refrigerant.
- Anti-Corrosion Technology giving greater corrosion resistance for both outdoor and indoor units.
- AC Limiter will limit the AC consumption to 100w when DC power is available and slightly more when there is no DC.
- Wide ambient operating temperature range: -10 ° C to +58° C.
- Quiet Indoor Unit (As low as 26dB).
 - Mc4 Solar connector terminals Easy plug and play connection and maintenance
- Low energy consumption.

TECHNICAL SPECIFICATION

Solo	ır Casse	itte i y	pe All	cone	iitioner
7.0	kw				

Model	7.0 kw
Solar Input Voltage (Voc dc)	80-380
Capacity Cooling (kw)	7 (1.80-7.8)
Capacity Heating (kw)	7 (1.80-7.8)
Power Input Cooling (w)	2000 (300-2500)
Power Input Heating (w)	1900 (300-2200)
EER Without Solar	3.50
COP Without Solar	3.68
Min DC required DC operation	3.20
Max AC when on AC Limiting	600
Net Weight Indoor/Outdoor (Kg)	24/46
Net Size Indoor (mm) w'h'd	830*330*830
Net Size Outdoor (mm) w*h*w	900*700*337
Refrigerant Piping - Type and Volume	1/4 1/2 - R32 (1150)





SYSTEM COMPONENTS

DC Powered Indoor cassette unit

use direct DC solar power so there is no loss associated with converting DC

ACDC Hybrid Outdoor unit



primarily on solar power and only use small amounts of power from the utility company as needed. When it comes to night time, they will automatically mix power and

DC Brushless fan motor



consumption is greatly reduced and run with very low noise. The use of a driver provides a variable frequency drive that allows the system to dynamically adjust its capacity based

Solar **Panels**



Any solar panels can be connected to maximum of 380VOC. Todays improved solar technology provides stable, efficient and reliable power without any maintenance required.





