

# Free Cool on Grid DC Inverter solar air-conditioner FCDC-35GW/PV

## Main Features

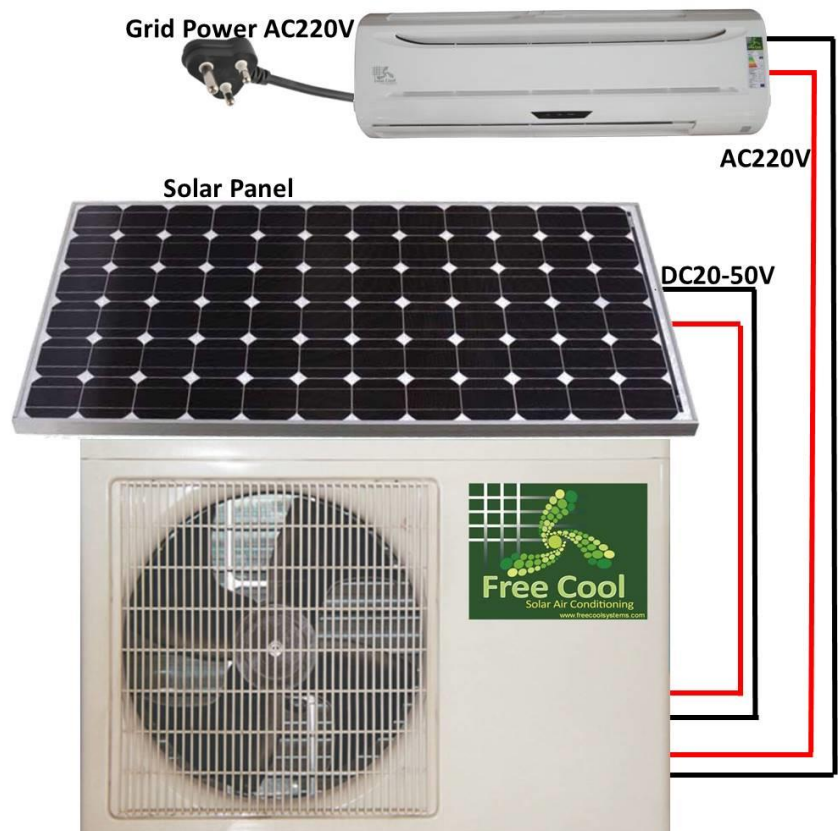
1. No need any electricity if in sunshine day and can automatic switch to AC power at night, also can provide the power to grid electricity, save the cost every time.
2. Adopt high quality and advanced Panasonic or Toshiba DC inverter compressor
3. Remote control and easy installation
4. Heating and cooling & cooling only functions
5. Our solar air conditioner can provide with frequency 50 hz/60hz, refrigerant R410a Voltage 110v-380v
6. CE, ROHS SASO and SAA certification
7. Quite and Environment protection
8. Super luxurious appearance and LED display
9. DC inverter solar air conditioner can run smoothly at -10°C to 55°C
10. Precise temperature control with  $\pm 0.5^{\circ}\text{C}$  from setting temperature
11. Fast delivery and good after-sales service

## Specifications

On-grid DC inverter solar air conditioner  
Low electricity consumption  
Wide voltage from 110V-380V  
Environment friendly

## Brief Introduction:

- On Grid DC inverter solar air conditioner takes the most leading technology in the world market.
- When in sunny day, the solar panel can provide the power together with on grid electricity power to provide to air conditioner for start running, when it running stable, the air conditioner can running just with the power from solar panel, so it no need any electricity at this time.
- And when the air conditioner stop running at sunny day, the solar panel can produce the power to return to electricity grid, then it can let the power meter reverse, then save the electricity cost.
- And when in cloudy day or night time, the air conditioner can automatic to switch to electricity power.



Free Cool solar air conditioner for eco friendly and save the earth and money  
www.freecoolsystems.com



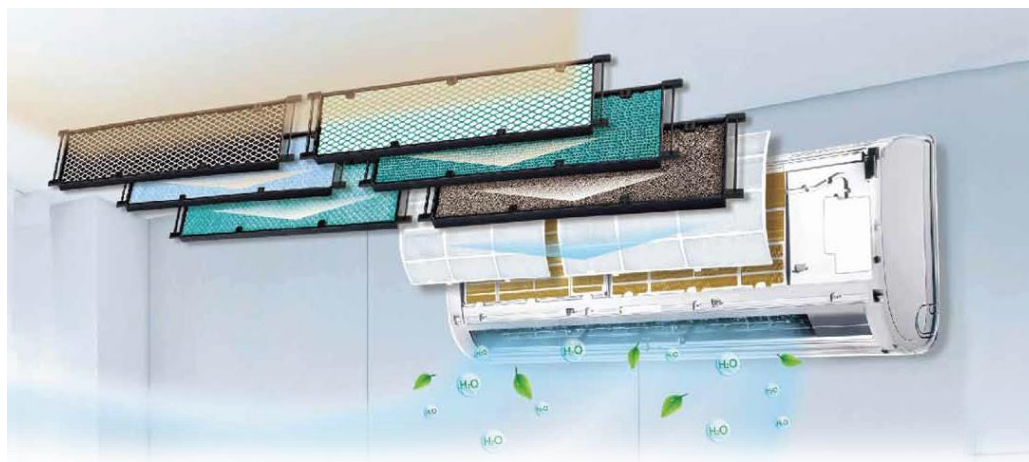
**Technical Parameter:**

<b>On Grid DC inverter type solar air conditioner</b>		
<b>Model</b>		<b>FCDC-35GW/PV</b>
	BTU	<b>12000BTU</b>
Capacity	Cooling	3500W
	Heating	3850W
Input power(w)		650(400~1400)
Current(A)		1.24~5.66
Power Supply		220V/50/60Hz
Gas		R410A
Air flow (m <sup>3</sup> /hour)		550
Solar panel (Mono)		150W/30V
Noise(dB A)	Indoor	40
	Outdoor	53
Weight	solar panel(kg)	14
	Indoor(kg)	13
	Outdoor(kg)	42
Dimension solar panel		1450*680*35mm
Dimension In unit		795*265*215mm
Dimension Out unit		760*260*540mm
Dimension solar panel Package		1500*700*35mm
Dimension In Package		840*265*360mm
Dimension Out Package		880*335*590mm



Free Cool solar air conditioner for eco friendly and save the earth and money  
www.freecoolsystems.com





Thoroughly Purified Air  
Creates a Healthy & Refreshing Space  
Cold Plasma



Effective sterilization with more than 90% of bacteria killed  
Odor removal  
Air nutrition improvement  
with more negative oxygen ions

Electrostatic Deducting Generator



By making use of the principle of electrostatic adherence, it can effectively absorb the dust from the air. With detachable design, it is easy for complete cleaning to ensure the quality air.

Photocatalytic Filter



This filter is able to completely oxidize and degrade organic contaminants. It can effectively eliminate 99.9% of bacteria, viruses and unpleasant smell.

Active Carbon Filter



Activated carbon can effectively adsorb smoke, pet odors, and other unpleasant odors.

Catching Filter



Catching extracted from green tea. It can effectively eliminate 95% of carcinogenic agents, such as staphylococcus, streptococcus, salmonella, etc.

Silver Ion Filter



Silver ion is able to sterilize 99% of bacteria by suppressing proliferation of mold and bacteria and preventing the cause of unpleasant odors.

