

Free Cool on Grid DC Inverter solar air-conditioner

SPECIFICATIONS

100% solar energy, no electricity, environmental Specifications (BTU 1200)

1. 100% energy save by using pure solar power
2. no need any electricity

DC inverter ductless split air conditioners for home using 100% Solar Powered Air Conditioner Main features:

OFF-GRID MODE

- * 100% driven by solar energy, 100% energy saving
- * 48V DC power drive, no inverter required, no AC power required.
- * Deep cycle batteries as energy bank for overnight operation, over 8 hours' back up time.
- * DC inverter permanent magnet compressors
- * DC brushless indoor and outdoor fan motors
- * Lowest energy consumption, lowest noise level
- * Lowest energy loss, SEER>19
- * R134a CFC free refrigerant, Eco-friendly
- * Short investment recovery period (1-3 years)
- * Solar-mains power hybrid mode optional. When the energy in batteries is not enough to drive solar air conditioner (voltage < 45V), you can use a power adapter to drive solar air conditioner. The power adapter can transfer 220V/110V AC power to 48V DC for solar air conditioner using. Under hybrid mode, you can run 24Hr. per day without too much investment in solar panels and batteries. In addition, you can use the power adapter as a batteries charger.



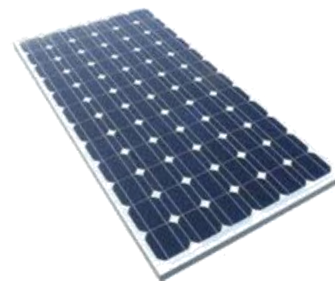
Solar Controller



Battery



Cables

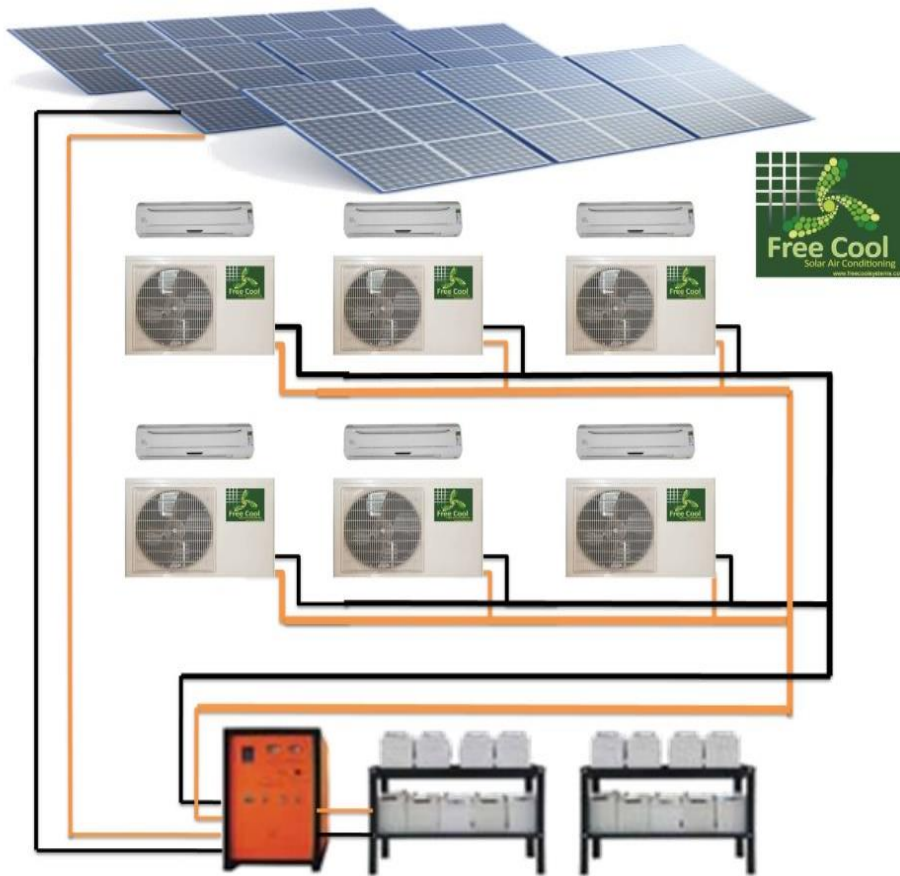


Solar Panels



Wall Mounted Type DC Solar Air-Conditioner			
Power Supply: 48VDC (42V to 54 V)			
Model No.		FC DC S357 GW	
Performance(R134a /R410a)			
Capacity	Cooling	Btu/h	12000
		W	3500
	Heating	Btu/h	13500
		W	3900
Noise	Indoor	dB(A)	≤42
	Outdoor	dB(A)	≤52
Air Circulation		m ³ /h	550
Suitable Area		m ²	12~22
EER	W/W		4.55
	Btu/h/w		15.58
Power Consumption			
Power Input	Cooling	W	770
	Heating	W	800
Rated Curren	Cooling	A	15.7
	Heating	A	16.3
Dimension			
Indoor Unit	Net	mm	815*288*210
	Shipping	mm	900*370*280
Outdoor Unit	Net	mm	820*320*540
	Shipping	mm	880*360*590
Weight			
Indoor Unit	Net/Gross	kg	11/13
Outdoor Unit	Net/Gross	kg	42/45







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 Deducing 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.