

**GLOBAL ENERGY COLLABORATIONS**  
**“GLO-SUN” Solar Air Conditioners [220V- 50Hz range]**

Split Type >>KFR-35GW (12000BTU)



- Reinforced refrigeration
- Thin and slim design
- Warm startup(cold air prevention)
- Independent dehumidification
- Ultra-quiet design
- Elegant design
- Conductor blowing design

Model	KF(R)35GW/A		KFR35GW/AD	
	Cooling	Heating	Cooling	Heating
Function				
Capacity (W)	3500	3600	3500	3600
Auxiliary Electric Heating Power Consumption(W)	600			
Air Circulation (M3/H)	540		550	
Humidifying Power(KG/H)	1.2		1.33	
Noise (DB(A))	46(Indoor) , 50(Outdoor)			
Dimension(D*W*H,mm)	900X295X370 (Indoor) , 600X750X330 (Outdoor) , 700x550x80 (Solar Panel)			
Net Weight (kg)	10 (Indoor) , 28 (Outdoor) , 9 (Solar Panel)			
Power Supply	220V-230V/50HZ		220V-230V/50HZ 220V-230V/60HZ (with T1 R22)	
Climate Type	T1		T1 T3 (with 220V-230V/50HZR22)	
Refrigerant	R22		R410A /R407C	
Load Capacity (20')	114 pcs			
Load Capacity (40')	228 pcs			

**Electricity Consume of Solar AC VS Normal AC**

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	1.3 kw	0.7 kw	0.6 kw
10 hours	13 kw	7 kw	6 kw
1 month (10 hours as 1 day)	390 kw	210 kw	180 kw
2 months (10 hours as 1 day)	780 kw	420 kw	360 kw
5 months (10 hours as 1 day)	1950 kw	1050 kw	900 kw
2 years (5 months as 1 year)	3900 kw	2100 kw	1800 kw
5 years (5 months as 1 year)	9750 kw	5250 kw	4500 kw

**GLOBAL ENERGY COLLABORATIONS**  
**“GLO-SUN” Solar Air Conditioners [220V- 50Hz range]**

Split Type >> KFR-50GW (18000BTU)



- Reinforced refrigeration
- Thin and slim design
- Warm startup(cold air prevention)
- Independent dehumidification
- Ultra-quiet design
- Elegant design
- Conductor blowing design

Model	KF(R)50GW/A		KFR50GW/AD	
Function	Cooling	Heating	Cooling	Heating
Capacity (W)	5000	5300	5000	5300
Auxiliary Electric Heating Power Consumption(W)	1200			
Air Circulation (M3/H)	650		800	
Humidifying Power(KG/H)	1.84		2	
Noise (DB(A))	47(Indoor) , 50(Outdoor)			
Dimension(D*W*H,mm)	1075X285X353 (Indoor), 1000X385X705 (Outdoor), 700x550x80 (Solar Panel)			
Net Weight (kg)	15 (Indoor), 36(Outdoor), 9 (Solar Panel)			
Power Supply	220V-230V/50HZ		220V-230V/50HZ 220V-230V/60HZ (with T1 R22)	
Climate Type	T1		T1 T3 (with 220V-230V/50HZR22)	
Refrigerant	R22		R410A /R407C	
Load Capacity (20')	100 pcs			
Load Capacity (40')	200 pcs			

**Electricity Consume of Solar AC VS Normal AC**

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	2.1 kw	1.2 kw	0.9 kw
10 hours	21 kw	12 kw	9 kw
1 month (10 hours as 1 day)	630 kw	360 kw	270 kw
2 months (10 hours as 1 day)	1260 kw	720 kw	540 kw
5 months (10 hours as 1 day)	3150 kw	1800 kw	1350 kw
2 years (5 months as 1 year)	6300 kw	3600 kw	2700 kw
5 years (5 months as 1 year)	15750 kw	9000 kw	6750 kw



Split Type >> KFR-70GW (24000BTU)



- Reinforced refrigeration
- Thin and slim design
- Warm startup(cold air prevention)
- Independent dehumidification
- Ultra-quiet design
- Elegant design
- Conductor blowing design

Model	KF(R)70GW/A , KFR70GW/AD	
Function	Cooling	Heating
Capacity (W)	7000	7000
Auxiliary Electric Heating Power Consumption(W)	2000	
Air Circulation (M3/H)	1200	
Humidifying Power(KG/H)	2.3	
Noise (DB(A))	52 (Indoor) , 56 (Outdoor)	
Dimension(D*W*H,mm)	1160X283X383 (Indoor) , 945X425X740 (Outdoor),700x550x80 (Solar Panel)	
Net Weight (kg)	15 (Indoor), 45(Outdoor), 9 (Solar Panel)	
Power Supply	220V-230V/50HZ	220V-230V/50HZ 220V-230V/60HZ (with T1 R22)
Climate Type	T1	T1 T3 (with 220V-230V/50HZR22)
Refrigerant	R22	R410A /R407C
Load Capacity (20')	90 pcs	
Load Capacity (40')	180 pcs	

**Electricity Consume of Solar AC VS Normal AC**

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	3.5 kw	1.7 kw	1.8 kw
10 hours	35 kw	17 kw	18 kw
1 month (10 hours as 1 day)	1050 kw	510 kw	540 kw
2 months (10 hours as 1 day)	2100 kw	1020 kw	1080 kw
5 months (10 hours as 1 day)	5250 kw	2550 kw	2700 kw
2 years (5 months as 1 year)	10500 kw	5100 kw	5400 kw
5 years (5 months as 1 year)	26250 kw	12750 kw	13500 kw

**GLOBAL ENERGY COLLABORATIONS**  
**“GLO-SUN” Solar Air Conditioners [220V- 50Hz range]**

Split Type >> KFR-90GW (32000BTU)



- Reinforced refrigeration
- Thin and slim design
- Warm startup(cold air prevention)
- Independent dehumidification
- Ultra-quiet design
- Elegant design
- Conductor blowing

Model	KF(R)90GW		
Function	Cooling	Heating	
Capacity (W)	9000	9000	
Auxiliary Electric Heating Power Consumption(W)	2000		
Air Circulation (M3/H)	1522		
Humidifying Power(KG/H)	3.3		
Noise (DB(A))	58(Indoor) ,62(Outdoor)		
Dimension(D*W*H,mm)	1360X280X370 (Indoor) ,1080X468X1075 (Outdoor),700x550x80 (Solar Panel)		
Net Weight	23 (Indoor), 64(Outdoor), 18 (Solar Panel)		
Power Supply	220V-230V/50HZ	220V-230V/50HZ 220V-230V/60HZ (with T1 R22)	
Climate Type	T1	T1 T3 (with 220V-230V/50HZR22)	
Refrigerant	R22	R410A /R407C	
Load Capacity (20')	70 pcs		
Load Capacity (40')	140 pcs		
<b>Electricity Consume of Solar AC VS Normal AC</b>			
Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	4.5 kw	2.2 kw	2.3 kw
10 hours	45 kw	22 kw	23 kw
1 month (10 hours as 1 day)	1350 kw	660 kw	690 kw
2 months (10 hours as 1 day)	2700 kw	1320 kw	1380 kw
5 months (10 hours as 1 day)	6750 kw	3300 kw	3450 kw
2 years (5 months as 1 year)	13500 kw	6600 kw	6900 kw
5 years (5 months as 1 year)	33750 kw	16500 kw	17250 kw

**GLOBAL ENERGY COLLABORATIONS**  
**“GLO-SUN” Solar Air Conditioners [220V- 50Hz range]**

Split Type >> KFR-100GW (36000BTU)



- Reinforced refrigeration
- Thin and slim design
- Warm startup(cold air prevention)
- Independent dehumidification
- Ultra-quiet design
- Elegant design
- Conductor blowing design

Model	KF(R)100GW/A	
Function	Cooling	Heating
Capacity (W)	10000	10000
Auxiliary Electric Heating Power Consumption(W)	2000	
Air Circulation (M3/H)	2100	
Humidifying Power(KG/H)	3.5	
Noise (DB(A))	55(Indoor) ,65(Outdoor)	
Dimension(D*W*H,mm)	1360X280X370 (Indoor) ,1080X468X1075 (Outdoor),800x600x80 (Solar Panel)	
Net Weight (kg)	60 (Indoor) ,94(Outdoor),18 (Solar Panel)	
Power Supply	220V-230V/50HZ	220V-230V/50HZ 220V-230V/60HZ (with T1 R22)
Climate Type	T1	T1 T3 (with 220V-230V/50HZR22)
Refrigerant	R22	R410A /R407C
Load Capacity (20')	60 pcs	
Load Capacity (40')	120 pcs	

**Electricity Consume of Solar AC VS Normal AC**

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	5.5 kw	2.7 kw	2.8 kw
10 hours	55 kw	27 kw	28 kw
1 month (10 hours as 1 day)	1650 kw	810 kw	840 kw
2 months (10 hours as 1 day)	3300 kw	1620 kw	1680 kw
5 months (10 hours as 1 day)	8250 kw	4050 kw	4200 kw
2 years (5 months as 1 year)	16500 kw	8100 kw	8400 kw
5 years (5 months as 1 year)	41250 kw	20250 kw	21000 kw

**GLOBAL ENERGY COLLABORATIONS**  
**“GLO-SUN” Solar Air Conditioners [220V- 50Hz range]**

Floor Type >> KFR-50LW (18000BTU)



- Reinforced refrigeration
- Thin and slim design
- Warm startup(cold air prevention)
- Independent dehumidification
- Ultra-quiet design
- Elegant design
- Conductor blowing design

Model	KF(R)50LW/A		KFR50LW/AD	
Function	Cooling	Heating	Cooling	Heating
Capacity (W)	5000	5300	5000	5300
Auxiliary Electric Heating Power Consumption(W)	1200			
Air Circulation (M3/H)	650		800	
Humidifying Power(KG/H)	1.84		2	
Noise (DB(A))	47(Indoor) , 50(Outdoor)			
Dimension(D*W*H,mm)	1730X385X550(Indoor) , 820X360X625(Outdoor) , 700x550x80 (Solar Panel)			
Net Weight (kg)	32(Indoor) , 36(Outdoor), 9 (Solar Panel)			
Power Supply	220V-230V/50HZ		220V-230V/50HZ 220V-230V/60HZ (with T1 R22)	
Climate Type	T1		T1 T3 (with 220V-230V/50HZR22)	
Refrigerant	R22		R410A /R407C	
Load Capacity (20')	90 pcs			
Load Capacity (40')	180 pcs			

**Electricity Consume of Solar AC VS Normal AC**

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	2.1 kw	1.2 kw	0.9 kw
10 hours	21 kw	12 kw	9 kw
1 month (10 hours as 1 day)	630 kw	360 kw	270 kw
2 months (10 hours as 1 day)	1260 kw	720 kw	540 kw
5 months (10 hours as 1 day)	3150 kw	1800 kw	1350 kw
2 years (5 months as 1 year)	6300 kw	3600 kw	2700 kw
5 years (5 months as 1 year)	15750 kw	9000 kw	6750 kw

**GLOBAL ENERGY COLLABORATIONS**  
**“GLO-SUN” Solar Air Conditioners [220V- 50Hz range]**

Floor Type >> KFR-70LW (24000BTU)



- Reinforced refrigeration
- Thin and slim design
- Warm startup(cold air prevention)
- Independent dehumidification
- Ultra-quiet design
- Elegant design
- Conductor blowing design

Model	KF(R)70LW/A , KFR70LW/AD , KF(R)70LW/A , KFR70LW/AD	
Function	Cooling	Heating
Capacity (W)	7000	7000
Auxiliary Electric Heating Power Consumption(W)	2000	
Air Circulation (M3/H)	1200	
Humidifying Power(KG/H)	2.3	
Noise (DB(A))	52 (Indoor), 56 (Outdoor)	
Dimension(D*W*H,mm)	1800X350X600 (Indoor) , 930X400X760 (Outdoor), 700x550x80 (Solar Panel)	
Net Weight (kg)	45 (Indoor), 54 (Outdoor), 9 (Solar Panel)	
Power Supply	220V-230V/50HZ	220V-230V/50HZ 220V-230V/60HZ (with T1 R22)
Climate Type	T1	T1 T3 (with 220V-230V/50HZR22)
Refrigerant	R22	R410A /R407C
Load Capacity (20')	80 pcs	
Load Capacity (40')	160 pcs	

**Electricity Consume of Solar AC VS Normal AC**

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	3.5 kw	1.7 kw	1.8 kw
10 hours	35 kw	17 kw	18 kw
1 month (10 hours as 1 day)	1050 kw	510 kw	540 kw
2 months (10 hours as 1 day)	2100 kw	1020 kw	1080 kw
5 months (10 hours as 1 day)	5250 kw	2550 kw	2700 kw
2 years (5 months as 1 year)	10500 kw	5100 kw	5400 kw
5 years (5 months as 1 year)	26250 kw	12750 kw	13500 kw

**GLOBAL ENERGY COLLABORATIONS**  
**“GLO-SUN” Solar Air Conditioners [220V- 50Hz range]**

Floor Type >> KFR-120LW (42000BTU)



- Reinforced refrigeration
- Thin and slim design
- Warm startup(cold air prevention)
- Independent dehumidification
- Ultra-quiet design
- Elegant design
- Conductor blowing design

Model	KF(R)120LW/A	
Function	Cooling	Heating
Capacity (W)	12000	12000
Auxiliary Electric Heating Power Consumption(W)	2000	
Air Circulation (M3/H)	2100	
Humidifying Power(KG/H)	3.0	
Noise (DB(A))	60(Indoor) ,68(Outdoor)	
Dimension(D*W*H,mm)	2015X405X710 (Indoor),1085X487X924 (Outdoor),800x600x80 (Solar Panel)	
Net Weight (kg)	60 (Indoor),94(Outdoor), 20 (Solar Panel)	
Power Supply	220V-230V/50HZ	220V-230V/50HZ 220V-230V/60HZ (with T1 R22)
Climate Type	T1	T1 T3 (with 220V-230V/50HZR22)
Refrigerant	R22	R410A /R407C
Load Capacity (20')	56 pcs	
Load Capacity (40')	112 pcs	

**Electricity Consume of Solar AC VS Normal AC**

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	5.5 kw	2.7 kw	2.8 kw
10 hours	55 kw	27 kw	28 kw
1 month (10 hours as 1 day)	1650 kw	810 kw	840 kw
2 months (10 hours as 1 day)	3300 kw	1620 kw	1680 kw
5 months (10 hours as 1 day)	8250 kw	4050 kw	4200 kw
2 years (5 months as 1 year)	16500 kw	8100 kw	8400 kw
5 years (5 months as 1 year)	41250 kw	20250 kw	21000 kw



FACTORY PICTURES OF MANUFACTURING FACILITY IN CHINA.

More models of Indoor split unit

**A1 type** WALL SPLIT SERIES



Model: KFR(R)-35GW/A1

**A2 type** WALL SPLIT SERIES



Model: KFR(R)-50GW/A2, KFR(R)-70GW/A2

**A3 type** WALL SPLIT SERIES



Model: KFR(R)-50GW/A3, KFR(R)-70GW/A3

**C type** WALL SPLIT SERIES



Model: KFR(R)-35GW/C, KFR(R)-50GW/C

**E1 type** WALL SPLIT SERIES



Model: KFR(R)-35GW/E1, KFR(R)-50GW/E1, KFR(R)-70GW/E1

**E2 type** WALL SPLIT SERIES



Model: KFR(R)-35GW/E2, KFR(R)-50GW/E2, KFR(R)-70GW/E2

**E3 type** WALL SPLIT SERIES



Model: KFR(R)-35GW/E3, KFR(R)-50GW/E3, KFR(R)-70GW/E3

Feature: [List of features]

**WAU. SPLIT SERIES**



Model: KFR(R)-90GW, KFR(R)-100GW

## FACTORY PICTURES OF MANUFACTURING FACILITY IN CHINA.

Factory, Workshop and Stores:



\* | Success Stories in pictures:



Our Solar AC used in Chinese factory



Our Solar AC used in Chinese factory



Our Solar AC used in Spain family



Our Solar AC used in Africa building



Our Solar AC used in Africa bank



Our Solar AC used in Africa office



Our Solar AC used in Australia family



Our Solar AC used in Pakistan family



Our Solar AC showed in International Fair



Our Solar AC used in Sri Lanka company



Our Solar AC used in Indian building



Our Solar AC used at home



Our Solar AC used in Africa hotel



Our Solar AC used in Africa factory



Our Solar AC used in Africa office



Our Solar AC used in Panama building



Our Solar AC used in Honduras office



Our Solar AC used in Mexico building



Our Solar AC showed in Dubai International Fair



Our Solar AC used in Dubai Manager Cabin



Our Solar AC used in Dubai office



Our Solar AC used in Sharjah building



Our Solar AC used in Africa building



Our Solar AC used in Japan office

Our clients are very satisfied with our quality; our aim is producing good solar AC to bring more profit to our clients. Solar AC has a very large market, hope you can join us to sell more in your market.

## Tech Center

### ■ **The working principle of solar air conditioner:**

In order to let our client understand our solar air conditioner better, and expand the market more easily. We would like to explain the working principle of our solar air conditioner as follows:

If you know the traditional air conditioner working principle, you will know our solar air conditioner better. For the traditional air conditioner, when cooling, the Freon is compressed into high temperature high pressure steam in the compressor, then to condense, Freon becomes high pressure normal temperature liquid, then to the capacity, Freon turns to low temperature low pressure liquid through decompression, after that moves in to the indoor unit to achieve cooling function through heat exchange in the evaporator. Now for our solar air conditioner, solar collector collects heat, after the high temperature high pressure steam (Freon) come from the compressor, the high temperature high pressure steam (Freon) will go to the copper coil of the solar collector for heat exchange. The solar collector makes the high temperature high pressure steam (Freon) into the higher temperature and higher pressure. in short, the solar collector helps the compressor to make the temperature and pressure higher. That is why the solar air conditioner can save electricity and increase the energy efficiency when cooling.

### ■ **Solar air conditioner's application method**

Our solar air conditioner are widely used in the hotel, the market, the bath center, the villa, the office, the workshop, the people's rooms, aquatic breeding farm, fowl feeding farm and so on. They are of high quality with reasonable price, our solar air conditioners are the modern, ideal equipment for the family, the work and business places and so on.

Model	Refrigerating Capacity	Heating Capacity	Refrigerating Power / Heating Power	Electrical Source	Applicable Area(m2)	Protection of Defending Electric
KFR-35GW	3500	3600	780/800	220	10-18	I Class
KFR-50LW	5000	5300	1200/1250	220	25-35	I Class
KFR-70LW	7000	7100	1700/1850	220	35-45	I Class
KFR-120LW	12000	12300	2700/2800	220	45-60	I Class

1. The installation does not limited by the location, it can be installed in any place since the solar panel is not large. Furthermore, it is not required to face to the sun.

2. They wouldn't be effected by the weather, no matter in the cloudy, rainy day or in the sunshine day, or in the evening the effect is of the same, it absorbs heat and radiation. Both of electricity and the energy absorbed in the day time stored in the heat absorbing device can ensure the air conditioner to work normally. Moreover, the energy absorbed in the environment can be consumed and renewed continuously.

3. Our Solar Air Conditioners process colder air 50% faster than any other air conditioner. They provides a dual cold processing method which provides cold air immediately at start. The longer you use it, the less electricity can be consumed comparing with normal conditioners.

4. The refrigeration of solar A/C with R410A is protective to the environment, It is good for human's healthy.

5. Our Solar Air Conditioners are popular solar air conditioners being the only patented real solar air conditioner today that actually save 30% to 50% and more on energy usage. They offers more energy efficiency 365 days per year, the hotter it gets outside, the more energy efficient our solar air conditioners are on saving energy.

6. The air conditioner can work normally between the temperatures -25 degree Celsius and 58 degree Celsius, If the temperature is over 58 celsius degree, the compressor will keep tself in a state of rest for protection. If the temperature returns to normal(-25celsius degree to 58 celsius degree), it will continue to work automatically.

■ Specific Technology Requirements

When copper pipe lengthened, the detailed requirements about increasing refrigerant

Model	Electric Current(A)	Power(W)	Pressure(Mpa)	Increased Length	Quantity of Increased Refrigerant (G)
KFR-35GW	3.8~4.5	750~900	0.45~5.2	3.0~7.0	30~70
KFR-50LW	5.4~6.2	1200~1300	0.45~5.2	3.0~7.0	40~80
KFR-70LW	7.2~8.2	1600~1700	0.45~5.2	3.0~7.0	40~80
KFR-120LW	12.0~13.8	2700~2950	0.45~5.2	3.0~7.0	50~100

## Solar Air Conditioner Assembled Pictures



### ■ FAQ

#### **1.What is the warranty years and how about after sale service?**

We guarantee our solar air conditioner to be produced strictly according to the requirements of customer, the guarantee period of solar unit is 20 years, all parts in outdoor unit except compressor is 1 year, compressor is 7 years, all parts in indoor unit is 2 years. During this period, any quality problem, we will send free parts to repair for our clients, any technical matters, our engineer will solve in 24 hours.

We strictly control product quality in accordance with ISO9001:2000. **Most of our products got Certificates of CE, UL, RoHs, CB, ANCE, SGS, SONCAP to meet different requirement** of our customs. Quality control is strictly carried out when developing new product to all stages of experiment including production preparation, trial-production, block manufacturing, sale, and service in order to ensure the high quality and reliability.

#### **2.How about the solar energy?**

The source of solar energy is the natural light energy, heat energy and the radiant energy in the environment absorbed by the solar-panel. Solar energy and electricity work together and the ratio of them is 50%. Only when the electricity and solar energy work together can ensure the normal works of our products, it can't work using 100% solar energy or 100% electricity alone.

#### **3.Can our solar A/C work in bad weather?**

Our clients should feel ease about it that our A/C can work normally no matter in what kind of weather. Our solar panel is the solar collector which could collect and store the heat energy, light energy, the radiant energy of the environment. Solar energy can be collected no matter in the day time or at night, no matter in the raining day or the sunshine day. When there is no sunshine, the solar panel could also collect the light energy and heat energy, which can never be exhausted as there is a continual supplement, even when there are connected raining days or very cold days with very low temperature. Besides, the consumption of solar energy is little compared to the absorbed energy, the solar energy would never be exhausted, and the product can always work normally no matter in what kinds of weather.



#### **4. What's the limited temperature our solar A/C can be used normally?**

As long as the temperature isn't higher than 58°C and isn't lower than -25°C, our solar A/C can work normally, no matter High Humidity or low humidity, the performance won't be affected by the variance.

#### **5. How about Performance?**

- High efficiently, energy-saving, comfortable and money saving, exceeding national first grade energy standard.
- Durable and long-lived, smooth running. Low-loaded operation of the compressor to extend its duration.
- Healthy and comfortable, constant temperature and keeping away the normal health problems that arises.
- It is not DC inverter air conditioner but superior to it because DC inverter type begins to save energy when the indoor temperature reaches the set value, while the hybrid solar air-conditioner runs in the optimal state immediately after starting and it achieves the same effects of traditional air-conditioner with less power consumption.
- Super luxurious appearance decorates your home. Indoor panel adopts aluminum alloy and wire drawing metal color board to make your house more sparking. Automatic open and close dustproof air outlet.
- Easy installation, same as the traditional air-conditioner. With strong adaptability, hybrid solar air-conditioner can run at super low and high temperature from-7C to 58C. Eco friendly to all kinds of environment.

#### **6. Why Our Hybrid Solar air conditioner Can SAVE electricity?**

Here are the reasons.....

Firstly it absorbs solar energy to heat the inside medium by using a solar collector. The refrigerant from the compressor goes through the copper coil inside the collector and undertakes a heat exchange. The refrigerant exchanges heat with the medium inside. The solar collector will go through a cycle inside the system for cooling and heating.

Secondly, it adapts a highly efficient heat-exchange system. The use of the internal thread pipe, hydrophilic aluminum fin and the optimal heat exchange system reduce energy loss, improve the overall efficiency and effectively ensure the performance. There, our hybrid solar air conditioner is more convenient and energy saving than regular air conditioner.

#### **7. Compare to current Products...**

- Conventional air conditioner consumes too much, users have to pay a heavy electricity bill.
- Photovoltaic (PV) system costs a large amount of money to build up.
- DC inverter air conditioner is also very costly, and its cooling capacity is not enough.

The differences between our solar air conditioner and conventional Air Conditioner as follows.....

- We use two groups of condensers, other conventional air conditioner use only one condenser.
- We use 100% copper pipe, some conventional air conditioner use aluminum pipe.
- We use branded compressor, some conventional air conditioner don't use brand name compressor.
- It can stand heat into 58C outdoor temperature, some conventional air conditioner will shut down at this temperature.

Please contact us for your requirements:  
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