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)35G	W/A	KFR35GW/AD		
Function	Cooling	Heating	Cooling	Heating	
Capacity (W)	3500	3600	3500	3600	
Auxiliary Electric Heating		600			
Power Consumption(W)		000			
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 (Indoo	r) , 600X750X330 (O	utdoor) , 700×	<550×80 (Solar Panel)	
Net Weight (kg)	10 (Indoor) , 28 (Outdoor), 9 (Solar Pa	anel)	
Power Supply	220V-230V/	50HZ	220V-230	V/50HZ 220V-230V/60HZ (with T1 R22)	
Climate Type	T1	T1 T1 T3 (w			
Refrigerant	R22			R410A /R407C	
Load Capacity (20')		114 pcs	5		
Load Capacity (40')	228 pcs				
	Electricity Consumpti	on of Solar AC VS	Normal AC		
Hour	Electricity Consume of Normal AC	Electricity Consu AC	ime of Solar	Electricity Saved	
1 hour	1.3 kw	0.7 kv	v	0.6 kw	
10 hours	13 kw	7 kw		6 kw	
1 month (10 hours as 1 day)	390 kw	210 kv	N	180 kw	
2 months (10 hours as 1 day)	780 kw	420 kv	N	360 kw	
5 months (10 hours as 1 day)	1950 kw	1050 k	W	900 kw	
2 years (5 months as 1 year)	3900 kw	2100 k	W	1800 kw	
5 years (5 months as 1 year)	9750 kw	5250 k	W	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	KF(R)50GW/A		KFR50GW/AD		GW/AD
Function	Cooling		Heating	Cooli	ng	Heating
Capacity (W)	5000		5300	500	0	5300
Auxiliary Electric Heating Power Consumption(W)	1200					
Air Circulation (M3/H)		650			80	00
Humidifying Power(KG/H)		1.84			2	2
Noise (DB(A))			47(Indoor) , 50(C	utdoor)		
Dimension(D*W*H,mm)	1075X285X353 (In	door),	1000X385X705 (Ou	itdoor), 70	0×550×8	0 (Solar Panel)
Net Weight (kg)		15 (Inc	door), 36(Outdoor),	9 (Solar Pa	anel)	
Power Supply	220V-2	230V/5	0HZ	220V-230)V/50HZ (with T	220V-230V/60HZ 1 R22)
Climate Type		T1 T1 T3 (v			with 220V-230V/50HZR22)	
Refrigerant	R22				R410A /R407C	
Load Capacity (20')	100 pcs					
Load Capacity (40')	200 pcs					
	Electricity Consu	mption	of Solar AC VS N	lormal AC		
Hour	Electricity Consum Normal AC	e of	Electricity Consum AC	e of Solar	Ele	ectricity 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	6 (Outdoor)		
Dimension(D*W*H,mm)	1160X283X383 (Indoor), 945X425X740	(Outdoor),700	×550×80 (Solar Panel)	
Net Weight (kg)	15 (Inc	door), 45(Outdoo	or), 9(Solar Pa	anel)	
Power Supply	220V-230V/50HZ			//50HZ 220V-230V/60HZ (with T1 R22)	
Climate Type	T1	T1 T1 T3 (with			
Refrigerant	R22 R			R410A /R407C	
Load Capacity (20')		90 pc	S		
Load Capacity (40')	180 pcs				
	Electricity Consumptior	n of Solar AC V	S Normal AC		
Hour	Electricity Consume of Normal AC	Electricity Cons AC		Electricity Saved	
1 hour	3.5 kw	1.7	kw	1.8 kw	
10 hours	35 kw	17 k	(W	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	

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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		2000			
Power Consumption(W)		2000)		
Air Circulation (M3/H)		1522	2		
Humidifying Power(KG/H)		3.3			
Noise (DB(A))		58(Indoor) ,62	2(Outdoor)		
Dimension(D*W*H,mm)	1360X280X370 (Indoor)	,1080X468X107	5 (Outdoor),700)×550×80 (Solar Panel)	
Net Weight	23 (Ind	oor), 64(Outdoo	r),18 (Solar P	anel)	
Power Supply	220V-230V/50H	ΗZ		//50HZ 220V-230V/60HZ (with T1 R22)	
Climate Type	T1 T1 T1		T1 T3 (with	h 220V-230V/50HZR22)	
Refrigerant	R22			R410A /R407C	
Load Capacity (20')	70 pcs				
Load Capacity (40')	140 pcs				
	Electricity Consumption	n of Solar AC V	S Normal AC		
Hour	Electricity Consume of Normal AC	Electricity Cons AC		Electricity Saved	
1 hour	4.5 kw	2.2	kw	2.3 kw	
10 hours	45 kw	22	ŚŴ	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	

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		ł	(F(R)100GW/A			
Function	Cooling			Heating		
Capacity (W)	10000			10000		
Auxiliary Electric Heating	0000					
Power Consumption(W)			2000			
Air Circulation (M3/H)			2100			
Humidifying Power(KG/H)			3.5			
Noise (DB(A))		55(lr	ndoor) ,65(Outdoor)			
Dimension(D*W*H,mm)	1360X280X370 (Indoor)	,1080X4	168X1075 (Outdoor),80	00×600×80 (Solar Panel)		
Net Weight (kg)	60 (In	9, (door	4(Outdoor),18 (Solar P	anel)		
Power Supply	220V-230V/50HZ		220V-230V/50HZ 220	V-230V/60HZ (with T1 R22)		
Climate Type	T1		T1 T3 (with 22	20V-230V/50HZR22)		
Refrigerant	R22		R410A /R407C			
Load Capacity (20')			60 pcs			
Load Capacity (40')			120 pcs			
	Electricity Consumption	of Sol	ar AC VS Normal AC			
Hour	Electricity Consume of	Electr	icity Consume of Solar	Electricity Saved		
пош	Normal AC		AC	Electricity Saved		
1 hour	5.5 kw		2.7 kw	2.8 kw		
10 hours	55 kw		27 kw	28 kw		
1 month	1650 kw		810 kw	840 kw		
(10 hours as 1 day)			010 KW	0+0 KW		
2 months	3300 kw		1620 kw	1680 kw		
(10 hours as 1 day)						
5 months	8250 kw		4050 kw	4200 kw		
(10 hours as 1 day)						
2 years	16500 kw		8100 kw	8400 kw		
(5 months as 1 year)						
5 years	41250 kw		20250 kw	21000 kw		
(5 months as 1 year)						

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)50LV	KFR50LW/AD		W/AD		
Function	Cooling	Heating Cooli		ing	Heating	
Capacity (W)	5000	5300	500	00	5300	
Auxiliary Electric Heating		1200				
Power Consumption(W)		1200				
Air Circulation (M3/H)	650			800)	
Humidifying Power(KG/H)	1.84			2		
Noise (DB(A))		47(Indoor) , 50(Ou	utdoor)			
Dimension(D*W*H,mm)	1730X385X550(Indoor), 820X360X625(Out	door) , 700>	<550×80 (Solar Panel)	
Net Weight (kg)	32(Ir	ndoor), 36(Outdoor), 9	9 (Solar Pa	nel)		
Power Supply	220V-230V/	50HZ	220V-230	0V/50HZ 2 (with T1	220V-230V/60HZ R22)	
Climate Type	T1		T1 T3 (w	(with 220V-230V/50HZR22)		
Refrigerant	R22	R22			R410A /R407C	
Load Capacity (20'))	90 pcs					
Load Capacity (40')	180 pcs					
	Electricity Consumptio	n of Solar AC VS N	lormal AC			
Hour	Electricity Consume of Normal AC	Electricity Consum AC	e of Solar	Elec	tricity 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	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	

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		H	eating	
Capacity (W)	7000		-	7000	
Auxiliary Electric Heating	2000				
Power Consumption(W)			2000		
Air Circulation (M3/H)			1200		
Humidifying Power(KG/H)			2.3		
Noise (DB(A))		52 (Ir	idoor), 56 (Outdoor)		
Dimension(D*W*H,mm)	1800X350X600 (Indoor)	, 930X4	100X760 (Outdoor), 700	<550×80 (Solar Panel)	
Net Weight (kg)	45 (Ind	door), 5	4 (Outdoor), 9 (Solar Pa	nel)	
Power Supply	220V-230V/50HZ		220V-230V/50HZ 220V	/-230V/60HZ (with T1 R22)	
Climate Type	T1		T1 T3 (with 220)V-230V/50HZR22)	
Refrigerant	R22		R410	A /R407C	
Load Capacity (20'))			80 pcs		
Load Capacity (40')			160 pcs		
	Electricity Consumption	of Sol	ar AC VS Normal AC		
Hour	Electricity Consume of	Electr	icity Consume of Solar	Electricity Saved	
TIOUI	Normal AC		AC	Liectificity 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			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	

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	2000				
Power Consumption(W)			2000		
Air Circulation (M3/H)			2100		
Humidifying Power(KG/H)			3.0		
Noise (DB(A))		60(lr	door) ,68(Outdoor)		
Dimension(D*W*H,mm)	2015X405X710 (Indoor)	,1085X	487X924 (Outdoor),800;	×600×80 (Solar Panel)	
Net Weight (kg)	60 (In	door),94	l(Outdoor), 20 (Solar Pa	nel)	
Power Supply	220V-230V/50HZ		220V-230V/50HZ 220\	/-230V/60HZ (with T1 R22)	
Climate Type	T1		T1 T3 (with 220	0V-230V/50HZR22)	
Refrigerant	R22		R410	A /R407C	
Load Capacity (20'))			56 pcs		
Load Capacity (40')	112 pcs				
	Electricity Consumption	of Sol	ar AC VS Normal AC		
Hour	Electricity Consume of	Electr	icity Consume of Solar	Electricity Saved	
Tiodi	Normal AC		AC	Liectricity Saved	
1 hour	5.5 kw		2.7 kw	2.8 kw	
10 hours	55 kw		27 kw	28 kw	
1 month	1650 kw		810 kw	840 kw	
(10 hours as 1 day)	1000 KW		OTO KW	040 KW	
2 months	3300 kw		1620 kw	1680 kw	
(10 hours as 1 day)	5500 KW		1020 KW	1000 KW	
5 months	8250 kw		4050 kw	4200 kw	
(10 hours as 1 day)	0200 11			4200 KW	
2 years	16500 kw		8100 kw	8400 kw	
(5 months as 1 year)	10000 RW		0100 km	0100 100	
5 years	41250 kw		20250 kw	21000 kw	
(5 months as 1 year)					

WALL SPLIT SERIES A2 WAL.I..SPUT SERIES type type KF(R)-SOGWIA2 KF(R)-70GWIA2 JIt,j WA.t Kf(JIQ.JtGWt'A1 I<,I,.,.N<IWfA1 ----WAU. UUT S!:RII!S WALL SPLIT SERIES type type KF(R)-35GW/C KF(R)-SEGWIC KFIRI-MIGWIA3 1 KFIRI-35GWIA3 KF(R)-700WIA3 WAU..I'Uf S(ltlfl E2 WALL SPLIT SERIES type type q Ю **1**5. 5 KF(R)-50GW/E2 KF(R)-T0GWIE2 KEIRI-35GWIE2 KF(R)-SOGW/E1 .KF(R)-70GW/E1 - KF(R)-35GW(E1 WAU. SPLI'T SERIES Ξ3 WALL SPLIT SERIES type KF(R)-SOGWIE3 KF(R)-35GW/E3 KF(R)-70GWES KF(R)-90GW KF(R)-100GW

More models of Indoor split unit

Factory, Workshop and Stores:

















Success Stories in pictures:



Our Solar AC used in Chinese factory



Our Solar AC used in Spain family



Our Solar AC used in Africa bank



Our Solar AC used in Australia family



Our Solar AC used in Chinese factory



Our Solar AC used in Africa building



Our Solar AC used in Africa office



Our Solar AC used in Pakistan family



Our Solar AC showed in International Fair



Our Solar AC used in Indian building



Our Solar AC used in Africa hotel



Our Solar AC used in Africa office



Our Solar AC used in Sri Lanka company



Our Solar AC used at home



Our Solar AC used in Africa factory



Our Solar AC used in Panama building



Our Solar AC used in Honduras office



Our Solar AC showed in Dubai International Fair



Our Solar AC used in Dubai office



Our Solar AC used in Africa building



Our Solar AC used in Mexico building



Our Solar AC used in Dubai Manager Cabin



Our Solar AC used in Sharjah 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.

						Protection
Model	Refrigerating	Heating	Refrigerating Power /	Electrical	Applicable	of
woder	Capacity	Capacity	Heating Power	Source	Area(m2)	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

1 1 1 1 1 1 1 1 1 1	1	1.4.91.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1		
When copper pipe	lenathened the (detailed reduiirem	nents annut increa	asing retrigerant
	ionguionou, uio v	actanea reganen		ionig ronigorant

					Quantity of	
Madal	Electric	Bowor(M/)	Proceuro(Mpa)	Increased	Increased	
Model	Current(A)	Current(A) Power(W) Pressure(Mpa)		FOWEI(W)	Length	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. <u>Most of our products got Certificates</u> 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 to 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 use100% 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: **GLOBAL ENERGY COLLABORATIONS** eMail: <u>sales@globalenergycollaborations.com</u> <u>indiaunit@globalenergycollaboration.com</u> <u>www.globalenergycollaborations.com</u>