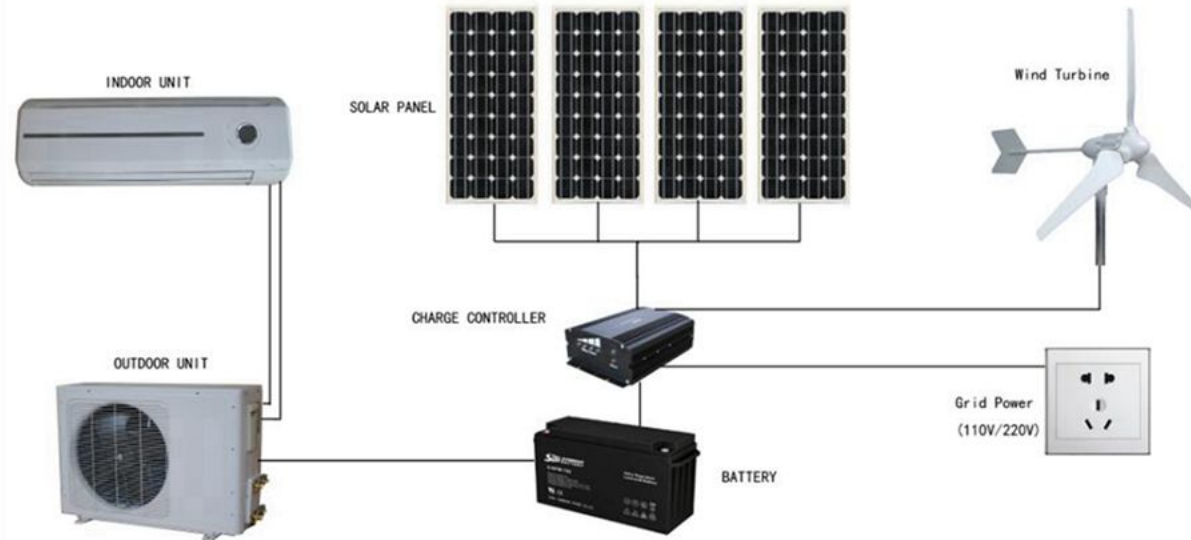
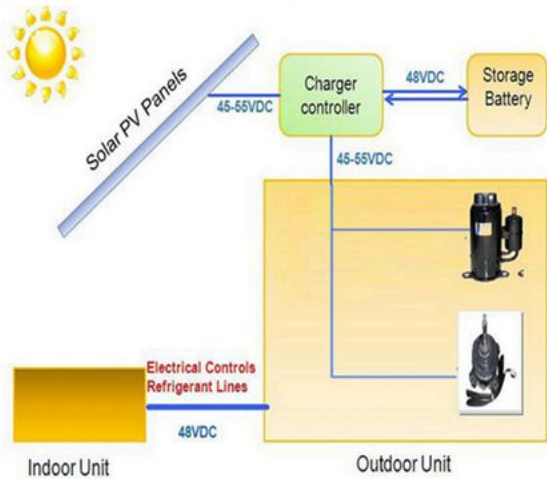


## 48V DC Pure Solar Air Conditioner



- G10 Technology
- 1W Standby
- Automatic Operation
- LED Display
- Intelligent Defrosting
- 3D Airflow
- Clock Display
- 8°C Heating



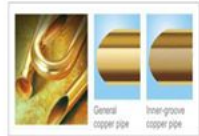
● In Sunshine day, the solar panel produce the DC48V power to charge the battery to store the power, at the same time provide the power to DC48V compressor and fan motor, then it will cooling or heating the room.

● The indoor motor, compressor, outdoor motor in the new generation 100% solar air conditioner system all adopt brushless DC motor, it greatly improved the stability and efficiency of system.

**Inner-groove copper pipe**  
Compared with general aluminum foil, hydrophilic aluminum foil does not frost up like other conventional type A/C units, this also means that corrosion will no longer be a factor.



**High-grade inner-groove copper pipe**  
Adopting the high-grade inner-groove copper pipe to improve the heating and anti-defrosting efficiency of the heat-exchanger.

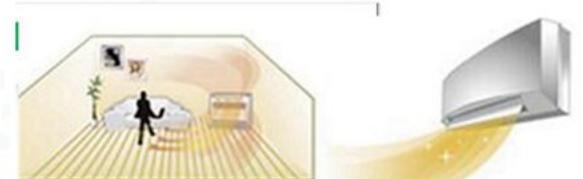
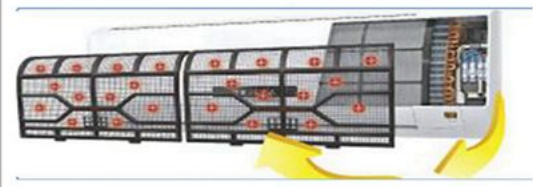


## 48V dc pure solar air conditioner

9000, 12 000, 18 000 & 24 000 Btu/hr



- Sleek new silhouette
- Anti-bacterial filter
- Heating/cooling
- Smart Saver
- Good sleep mode



Parameters								
Model		TKF-23GW/DC	TKF-26GW/DC	TKF-26GW/DC	TKF-35GW/DC	TKF-50GW/DC	TKF-72GW/DC	
Power supply		12V DC	24V DC	48V DC	48V DC	48V DC	48V DC	
	Capacity	Btu/h	7000	9000	9000	12000	18000	24000
Cooling	Input	W	350	570	570	900	1100	1500
	Rated current	A	29.16	23.75	11.88	18.75	18.33	18.33
	EER	W/W	5.75	4.56	4.56	3.88	4.54	4.54
Refrigerant type	g	R134	R134/R22	R134/R22	R134/R22	R134/R22	R134/R22	
Compressor	Power	12V DC	24V DC	48V DC	48V DC	48V DC	48V DC	
Indoor air flow (Hi/Mi/Lo)	m <sup>3</sup> /h	400/360/300	460/390/340	460/390/340	500/400/350	780/700/550	1000/800/700	
Indoor noise level (Hi/Mi/Lo)	dB(A)	37/34/31	37/34/31	37/34/31	42/39/36	46/43/40	46/43/40	
Outdoor air flow	m <sup>3</sup> /h	1100	1300	1300	1900	2000	2500	
Outdoor noise level	dB(A)	50	51	51	54	56	56	

Dimension								
Outdoor unit	Dimension(W*D*H)	mm	685x260x430	685x260x430	685x260x430	700x235x535	780x250x540	780x250x540
	Packing (W*D*H)	mm	795x345x495	795x345x495	795x345x495	815x325x580	910x335x575	910x335x575
	Net/Gross weight	Kg	19/21	22.5/24.5	22.5/24.5	25/27	33/36	36/39
Indoor unit	Dimension(W*D*H)	mm	710x189x250	710x189x250	710x189x250	790x190x275	940x198x275	940x198x275
	Packing (W*D*H)	mm	775x260x324	775x260x324	775x260x324	865x265x350	1015x265x350	1015x265x350
	Net/Gross weight	Kg	5.0/7.0	7.5/9	7.5/9	9/11	10/13.5	12/14.5
Suggested Solar Panels			200W *2PCS	150W*4PCS	150W*4PCS	150W*6PCS	150W*8PCS	150W*10PCS
Suggested Solar Controller			12V40A	24V 20A	48V 20A	48V 30A	48V 40A	48V 60A
Suggested Batteries Bank			12V 80A*2PCS	12V 50A*2PCS	12V 65A*4PCS	12V 100A*2PCS	12V 250A*4PCS	12V 200A*4PCS

\*The suggested solar system is matched according to effective sunshine illumination 6hours per day. Different areas should be adjusted accordingly.