



CUTES SOLAR POWERED AIR-CONDITIONER



SOLAR AIR CONDITIONER

A *Solar Air Conditioner* is an incredibly practical appliance. The use of an air conditioner is most often desired when the sun is bright, shiny, and beating down on people and their homes. As luck would have it, it is at these times that a solar air conditioner works best. That bright, hot sun just provides more power.

A large percentage of the energy usage which shows up on summer electricity bills is spent solely because of the air conditioner. By utilizing a solar powered air conditioner, all that money can be saved. In addition to lessening the power bill, a solar air conditioner also lessens the negative impact on the environment.

You can cool your home 100% guilt-free (provided, of course, that a solar powered evaporative cooler isn't chosen instead, as this requires water.)

By relying on energy from the sun, a solar air conditioner is making use of a renewable energy resource. This means that there are no reserves being depleted. It also means that no greenhouse gases are being emitted.

Regular air conditioning not only uses large amounts of power but is also taxing to electrical grids. Sometimes, power companies must use generators to meet the demand. Even a hybrid solar air conditioner (one that can run off of solar panels and electrical outlets) can make a huge difference in the amount of energy used.



CUTES SOLAR POWERED AIR-CONDITIONER

MODEL: SPLIT TYPE CT-STAC35GW(12000BTU)

Product Description

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



Model	CT-STAC(R)35GW/A		CT-STACR35GW/AD	
Name				
Function	Cooling	Heating	Cooling	Heating
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) , 850X90X590 (Solar Panel)			
Net Weight (kg)	10 (Indoor) , 28 (Outdoor) , 10 (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		R22 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



CUTES SOLAR POWERED AIR-CONDITIONER

MODEL: SPLIT TYPE CT-STAC50GW(18000BTU)



Model	CT-STAC(R)50GW/A		CT-STACR50GW/AD	
Name				
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), 850X90X590 (Solar Panel)			
Net Weight (kg)	15 (Indoor), 36(Outdoor), 10 (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		R22 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



CUTES SOLAR POWERED AIR-CONDITIONER

MODEL: SPLIT TYPE CT-STAC70GW(24000BTU)

Product Description

Model	CT-STAC(R)70GW/A,	CT-FTACR70GW/AD
Name		
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),850X90X590 (Solar Panel)	
Net Weight (kg)	5 (Indoor) , 45(Outdoor), 10 (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	R22 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



CUTES SOLAR POWERED AIR-CONDITIONER

MODEL: FLOOR TYPE CT-FTAC50LW(18000BTU)

Product Description

Model	CT-FTAC(R)50LW/A		CT-FTACR50LW/AD	
Name				
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) , 850X90X590 (Solar Panel)			
Net Weight (kg)	32(Indoor) , 36(Outdoor), 10 (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		R22 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





CUTES SOLAR POWERED AIR-CONDITIONER

MODEL: FLOOR TYPE CT-FTACR70LW(24000BTU)

Product Description

Model	CT-FTAC(R)70GW/A ,	CT-FTACR70GW/AD
Name		
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),850X90X590 (Solar Panel)	
Net Weight (kg)	5 (Indoor) , 45(Outdoor), 10 (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	R22 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