

Buying a UVP's Solar Air Conditioner Makes Sense !

Reliable and Economical Cooling System



Upto 65% Power Saving

Payback in less than a Year

Environment Friendly & Remarkably Silent


Easy Maintenance & Excellent Sales and Service Support

Capacity: 1.5 Tons to 2.5 Tons



 **Inverter
Compataible**

 **Green
Energy**

 **80% Electric
bill saving**

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WHAT IS SOLAR AIR CONDITIONER?

This solar air conditioner works like conventional air conditioner. The two major differences is conventional Air Conditioner uses only electricity grid and takes high wattage to run whereas solar Air Conditioner is such designed that it takes very low wattage. "Solar air conditioner" has three options – 1 st Solar power, 2 nd Battery bank, & 3 rd Electricity grid. This Air Conditioner is such designed that it can work on Both 220V AC & DC. Solar AC the MGM Technology (Compressor) works like an accelerator in a car. When compressor needs more power, it gives it more power. When it needs less power, it gives less power. With this technology, the compressor is always on, but draws less power or more power depending on the temperature of the incoming air and the level set in the thermostat. The speed and power of the compressor is adjusted appropriately. This technology is currently available only in split air conditioner.

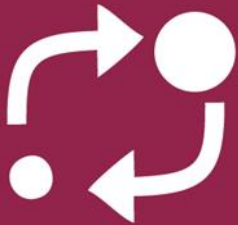
Based on data from BEE in 2018, below is the representative (median) sample of power consumption of Air Conditioners of various tonnage and star ratings:

	1.5ton	2ton
3star AC	2960	4128
5star AC	2880	3840
5star Inverter AC	1920	3520
Solar AC	682	1760

- Annual Electricity Consumption (Unit for 1600Hrs) based on data from BEE

BENEFITS OF SOLAR AIR CONDITIONER?

- Low wattage
- 80% Electricity bill Saving
- Energy saving
- No Jerk Load
- Green Energy
- High Efficient product
- Inverter compatible



Difference between regular 1.5ton Air conditioner and 1.5 Ton solar air conditioner Model

	Conventional Air Conditioner	Solar Air Conditioner
Wattage	2000 watt	800 watt
Starting Load	3500 watt	100 watt
Running AMP	7 to 9 AMP	2 to 4.5AMP
Electric Saving	- - -	Up to 80%
Jerk Load	High Jerk	No Jerk
Jerk Load	Rotary/Hermetic	MGM BLDC

Technical specification for solar air conditioner

Model S & E

Specification	SWS-E15	SWS-E20	SWS-E25
Cooling Capacity BTU	13500-17000	17000-21500	19500-26500
Capacity (Ton)	1.5 ton	2 ton	2.5 ton
Starting Current Amp.	0.5	0.7	0.7
Running Current Amp.	Min 0.8 Max 3.5	Min 2 Max 6	Min 2.5 Max 8
IDU Air flow CFM	370	565	565
Refrigerant	R32	R32	R32
Per hour Unit Consumption	0.5 – 0.7 U/H	1.1	1.8
Compressor	Magnetic/vibratic MGM/DC	Magnetic/vibratic MGM/DC	Magnetic/vibratic MGM/DC
Electricity Saving Comparison to Other AC	Up to 80%	Up to 80%	Up to 80%
Power Input	220 VAC	220 VAC	220 VAC
Noise Level Indoor db(A)	33	36	36
Indoor Unit Dimensions	850X300X198 mm	970X315X235 mm	970X315X235 mm
Net Weight	9 kgs	11 kgs	12 kgs
OutDoor unit Dimensions	780x545x285 mm	860x545x315 mm	860x545x315 mm
Net Weight	24 kgs	31.5 kgs	32.5 kgs
Sound pressure level	40 dba	40 dba	42 dba
Power source Rating MCB	6A	6A	6A
Interconnecting Wires	3+E	3+E	3+E
Power supply to	Indoor	Indoor	Indoor
Ref. max Piping Length	15 M	15 M	15 M

EXPERIENCE INNOVATION AT IT'S BEST

Technical specification for solar air conditioner

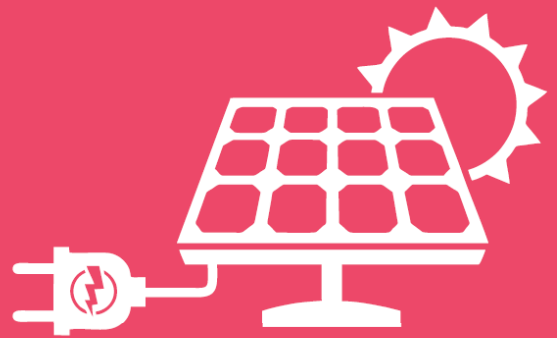
Model S

Specification	SWS-E15	SWS-E20	SWS-E25
Cooling Capacity BTU	13500-17000	17000-21500	19500-26500
Capacity (Ton)	1.5 ton	2 ton	2.5 ton
Starting Current Amp.	0.5	0.7	0.7
Running Current Amp.	Min 0.8 Max 3.5	Min 2 Max 6	Min 2.5 Max 8
IDU Air flow CFM	424	565	565
Refrigerant	R410A	R32	R32
Per hour Unit Consumption	0.5 – 0.7 U/H	1.1	1.8
Compressor	Magnetic/vibratic MGM/DC	Magnetic/vibratic MGM/DC	Magnetic/vibratic MGM/DC
Electricity Saving Comparison to Other AC	Up to 80%	Up to 80%	Up to 80%
Power Input	160 VAC-240VDC/ 220V AC	160 VAC-240VDC/ 220V AC	160 VAC-240VDC/ 220V AC
Noise Level Indoor db(A)	28	38	38
Indoor Unit Dimensions	845X289X209 mm	970X315X235 mm	970X315X235 mm
Net Weight	10.9 kgs	12 kgs	12 kgs
OutDoor unit Dimensions	848x596x320 mm	860x545x315 mm	860x545x315 mm
Net Weight	29.9 kgs	32.5 kgs	32.5 kgs
Sound pressure level	40 dba	40 dba	42 dba
Power source Rating MCB	6A	6A	6A
Interconnecting Wires	3+E	3+E	3+E
Power supply to	Indoor	Indoor	Indoor
Ref. max Piping Length	15 M	15 M	15 M

Solar Compatible

Solar PV Module	1500 watt	2000 watt	2000 watt
Voltage Current	160Min/ 240Max	2000 watt	2000 watt
Panel Configuration	320w x 5	320w x 6	320w x 6

SWITCH ON INDIA'S SMART SOLAR AIR CONDITIONER



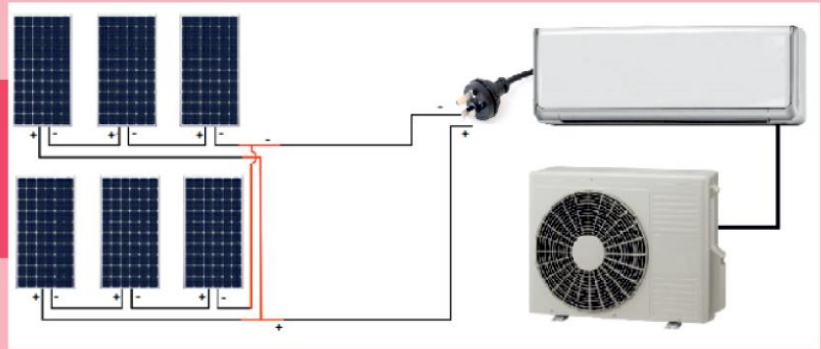
PRESENTING SINFIN
SOLAR AIRCONDITIONER
WITH INVERER TECHNOLOGY
FOR MAXIMUM SAVINGS

SAVINGS ON

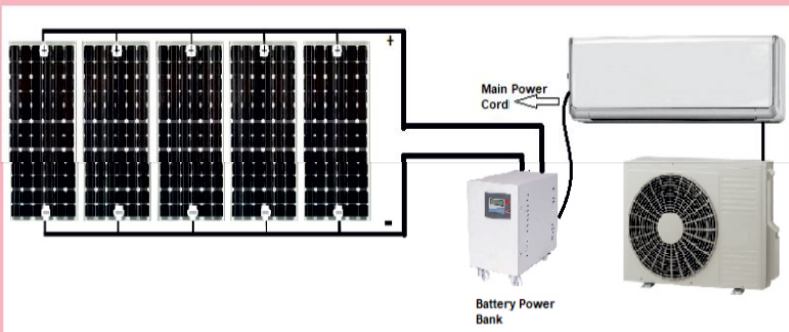
DURABILITY ON

COOL.ECO.TOGETHER.

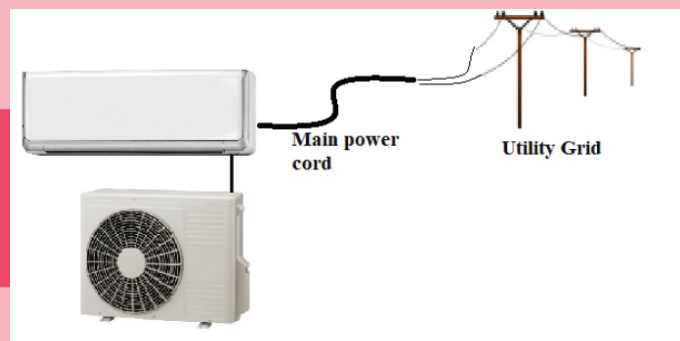
**SOLAR AIR CONDITIONER
(S MODEL)
INSTALLATION DIRECTLY ON SOLAR PANEL**



**SOLAR AIR CONDITIONER INSTALLATION
(S & E MODEL)
THROUGH SOLAR INVERTER & BATTERY**



**SOLAR AIR CONDITIONER INSTALLATION
(S & E MODEL)
THROUGH MAIN GRID**



**SAVINGS ON
DURABILITY ON**

COOL.ECO.TOGETHER.