



CHANGING LIVES &
MAKING DIFFERENCE

SOLARWAY NXTGENERATION PVT. LTD.

Head Office : G155, Ground Floor, Vikaspuri New Delhi-110018
CONTACT: 011-41041235, MOB:- 999962 1235

Branch Office : 5/242, Vipul Khand, Gomti Nagar, Lucknow, U.P.
CONTACT: 0522-4311235

Toll Free: 1800 120 7311



What is solar Air Conditioner?

This solar air conditioner works like conventional air conditioner. The two major differences is existing AC use only electricity grid and existing AC takes high wattage to run and solar AC is such designed that it takes very low wattage. "Solar air conditioner" has three options – 1st Solar power, 2nd Battery bank, & 3rd Electricity grid. 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.

What is benefit of Solar Air Conditioner?

This air conditioner will run continuously but will draw only that much power that is required to keep the temperature stable at the level desired. So it kind of automatically adjusts its capacity based on the requirement of the room it is cooling. Thus drawing much less power and consuming lesser units of electricity.

Difference between regular air conditioner and solar air conditioner

| | Regular Air Conditioner | Solar Air Conditioner |
|---|--|--|
| Wattage | 2000watt | 800-1100watt |
| Starting Load | 3500watt | 100watt |
| Running Amp | 7 to 9 Amp | 2 to 5.5Amp |
| Electric saving | ----- | Upto 80% |
| Jerk Load | High Jerk | No Jerk |
| Compressor | Rotary / Hermetic | BLDC MGM |
| Direct Solar | N.A. | 240VOC |
| Compatible Solar Compatibility | 5kwatt Solar Plant with Inverter & Battery | Direct Solar Panel Compatible with 2750VA Inverter Battery |
| Unit Consumption on Electricity (per 10Hrs) | 17 to 20Units | 5 to 7 Units |

'E' Model

This solar air conditioner is designed for urban/metro city where electricity cut is very less & where there is no space or roof for solar power plant and still need to save electricity bill. This Solar air conditioner is designed in such manner that you can save upto 80% electricity bill. This solar air conditioner is cost effective as no solar panel are required to run this air conditioner. This solar air conditioner can be run directly to 220V AC and can save upto 80% electricity Bill

'S' Model

"The rural areas and the Remote areas where there is heavy electricity cut off or no electricity" for such are Solarway has designed a 'S' Model Solar air conditioner. This Solar air conditioner can run directly on DC current or Directly through solar PV Module. This solar air conditioner can run directly through solar panels in Day time and on battery in night time. This is a hybrid Solar air conditioner which can run on Solar panels, Inverter battery and 240V AC or DC.

SAVING CALCULATIONS

| Air Conditioner Types | | | SinFin 1.5Ton ('E' Model) | 1.5Ton (5 Star Inverter) | 1.5Ton (3 Star Inverter) |
|------------------------------|-----|-------|---------------------------|--------------------------|--------------------------|
| Per Hrs Consumption | | | 0.8 | 1.92 | 3 |
| Running Hrs | Day | Night | | | |
| 8 | 0 | 8 | 6.4 Unit | 15.36 Unit | 23.68 Unit |
| 12 | 4 | 8 | 9.6 Unit | 23.04 Unit | 35.52 Unit |
| 16 | 8 | 8 | 12.8 Unit | 30.72 Unit | 47.36 unit |
| Savings in Percentage | | | | 58% | 73% |



***This solar air conditioner is tested by electronics and quality development centre (Govt. of India)**

***10 Hrs. running power consumption**





SINFIN Neem Extract series



SINFIN Ayurveda series



Where Science Meets Nature

**With Three Stage Neem Filter
For Fresh and Clean Air**



ANTIDUST
FILTER



ACTIVE
CARBON



AUTO
RESTART



SLEEP
MODE



TURBO
COOL



ENERGY
SAVER

SINFIN Ayurveda series

TECHNICAL SHEET

| S.No | Specification Model | SWAY 1.5 |
|------|---|----------------------------|
| 01 | Cooling Capacity BTU | 13500 – 17000 |
| 02 | Capacity(Ton) | 1.5 Ton |
| 03 | Starting Current Amp. | 0.5 |
| 04 | Running Current Amp. | Min 0.8 Max 5.5 |
| 05 | Air Flow | 424/750 |
| 06 | Refrigerant | R410/R32 |
| 07 | Per Hour Unit Consumption | 0.5 / 0.8 |
| 08 | Compressor Magnetic/vibratic | Magnetic/vibratic |
| 09 | Air Filter | 3 Stage Neem |
| 10 | Electricity Saving Comparison to Other AC | Upto 80% |
| 11 | Power Input | 190V-250V AC |
| 12 | Sound Level (H/M/L) | 38/34/31 |
| 13 | Indoor Unit Dimensions Net Weight | 895x360x295 mm 10.9 Kgs |
| 14 | Outdoor unit Dimensions Net Weight | 915x600x350 mm 33 Kgs |
| | Noise level | 33 Dba |
| | Power source Rating | 6A |
| | MCB | |
| | Power supply to | Indoor |
| | Ref. max Piping Length | 15 Ft. |

**BLDC
TECHNOLOGY**

**100%
COPPER**


**STABILIZER
FREE OPERATION**


**SOLAR PCU
COMPATIBLE**

**INVERTER
BATTERY COMPATIBLE**



Air Conditioners for Comfortable Life

 Use High
Electric savings

 Cold in Summer
Hot in Winter

 Green
Energy

SINFIN HOT&COLD series

TECHNICAL SHEET

| S.No | Specification Model | SWAY 1.5 |
|------|---|--|
| 1 | Cooling Capacity BTU | 13500 – 17000 |
| 3 | Capacity(Ton) | 1.5 Ton |
| 4 | Starting Current Amp. | 0.5 |
| 5 | Running Current Amp. | Min 0.8 Max 5.5 |
| 6 | Air Flow | 424/750 |
| 7 | Refrigerant | R410/R32 |
| 8 | Per Hour Unit Consumption | 0.5 / 0.8 |
| 9 | Compressor Magnetic/vibratic | Magnetic/vibratic |
| 10 | Electricity Saving Comparison to Other AC | Upto 80% |
| 11 | Power Input | 190V-250V AC |
| 12 | Sound Level (H/M/L) | 38/34/31 |
| 13 | Indoor Unit Dimensions Net Weight | 985x368x260 mm 14.1 Kgs |
| 14 | Outdoor unit Dimensions Net Weight Noise level Power source Rating MCB Power supply to Ref. max Piping Length | 900x605x380 mm 31 Kgs 33 Dba 6A Indoor 15 Ft. |

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BATTERY COMPATIBLE



MAGIC COOL



MAGIC COOL PRO



SINFIN MAGIC-COOL series

TECHNICAL SHEET

| S.No | Specification Model | SWAY 1.5 | Model SWAY 2.0 | Model Sway 2.5 |
|------|---|----------------------------|---------------------------|---------------------------|
| 01 | Cooling Capacity BTU | 13500 – 17000 | 17500 - 21500 | 19500 – 26500 |
| 02 | Capacity(Ton) | 1.5 Ton | 2 Ton | 2.5 Ton |
| 03 | Starting Current Amp. | 0.5 | 0.7 | 0.7 |
| 04 | Running Current Amp. | Min 0.8 Max 5.5 | Min 2 Max 8 | Min 2.5 Max 10 |
| 05 | Air Flow | 424/750 | 580/920 | 580/980 |
| 06 | Refrigerant | R410/R32 | R410/ R32 | R410/ R32 |
| 07 | Per Hour Unit Consumption | 0.5 / 0.8 | 1.1 / 1.5 | 1.8 / 2.1 |
| 08 | Compressor Magnetic/vibratic | Magnetic/vibratic | Magnetic/vibratic | Magnetic/vibratic |
| 09 | Electricity Saving Comparison to Other AC | Upto 80% | Upto 80% | Upto 80% |
| 10 | Power Input | 190V-250V AC | 190V-250V AC | 190V-250V AC |
| 11 | Sound Level (H/M/L) | 38/34/31 | 38/34/31 | 38/34/31 |
| 12 | Indoor Unit Dimensions Net Weight | 920x370x282 mm 13.1 Kgs | 1016x381x305 mm 15 Kgs | 1016x381x305 mm 15 Kgs |
| 13 | OutDoor unit Dimensions Net Weight | 850x620x370 mm 28.6 Kgs | 915x432x635 mm 38 Kgs | 915x432x635 mm 38 Kgs |
| | Noise level | 33 Dba | 36 dBA | 37 dBA |
| | Power source Rating | 6A | 6A | 6A |
| | MCB | | | |
| | Power supply to | Indoor | Indoor | Indoor |
| | Ref. max Piping Length | 15 Ft. | 15 Ft. | 15 Ft. |

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FREE OPERATION**

**SOLAR PCU
COMPATIBLE**

**INVERTER
BATTERY COMPATIBLE**

SINFIN READY GO series

TECHNICAL SHEET

| S.No | Specification | Model SWAY 15 |
|------|---|----------------------------|
| 1 | Cooling Capacity BTU | 13500 – 17000 |
| 2 | Capacity(Ton) | 1.5 Ton |
| 3 | Starting Current Amp. | 0.5 |
| 4 | Running Current Amp. | Min 0.8 Max 5.5 |
| 5 | Air Flow | 424/519 |
| 6 | Refrigerant | R410/R32 |
| 7 | Per Hour Unit Consumption on Grid | 0.5 to 0.8 unit |
| 8 | Compressor | Magnetic/vibratic |
| 9 | Electricity Saving Comparison to Other AC | Upto 80% |
| 10 | Power Input DC | 180 Voc – 280 Voc |
| 11 | DC Current Rating | 8-9AMP |
| 12 | Power Input AC | 190V – 250V AC |
| 13 | Indoor Noise Level (L/M/HT) dB(A) | 43/39/35/28 |
| 14 | Indoor Unit Dimensions Net Weight | 918x278x364mm 12.9 Kgs |
| 15 | OutDoor unit Dimensions Gross Weight | 878x630x360 mm 32.9 Kgs |
| | Sound pressure level | 30 Dba |
| | Power source Rating MCB | 6A |
| | Power supply to | Indoor |
| | Ref. max Piping Length | 15 Ft |

BLDC
TECHNOLOGY

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STABILIZER
FREE OPERATION

SOLAR PCU
COMPATIBLE

INVERTER
BATTERY COMPATIBLE

DC REFRIGERATOR 12V DC 25 WATT ONLY



S' Model, Ready Go

| Capacity | 200 Ltr | 225 Ltr |
|-------------------------|-----------------|-----------------|
| Operating Voltage | 12V DC | 12V DC |
| Wattage | 25 watt | 25 watt |
| Solar PV Module | 200 watt 12V | 200 watt 12V |
| Battery | 150AH | 150AH |
| Work without stabilizer | Yes | Yes |
| Fastest Ice Making | Yes | Yes |
| Handle Type | Arina | Arina |
| Dimension | 1247x591x638 mm | 1172x534x633 mm |



50% THICKER
INSULATION



DC COMPRESSOR
OPERATES ON
12V DC



NO INVERTER/
STABILIZER
REQUIRED

Key Features:

Smart Inverter Compressor | Smart Connect
Stabilizer Free 90V ~ 310V | Toughened Glass Shelves
MOIST 'N' FRESH

E' Model

| Capacity | 200 Litre | 225 Litre | 270 Litre |
|----------------------------|-----------------|-----------------|-----------------|
| Operating Voltage | 90V - 310V | 90V - 310V | 90V - 310V |
| Wattage | 40watt | 40watt | 70watt |
| Power Consumption (Per Hr) | 0.04Unit | 0.04Unit | 0.07Unit |
| Work without stabilizer | Yes | Yes | Yes |
| Fastest Ice Making | Yes | Yes | Yes |
| Handle Type | Arina | Arina | Arina |
| Dimension | 1247x591x638 mm | 1172x534x633 mm | 1540x700x630 mm |



Solar Deep Freezer

Energy Efficient Refrigeration

Save on costs with SINFIN DC refrigerators and freezers. These high efficiency refrigerators and freezers have exceptionally low energy consumption requiring smaller, less expensive power systems and low operating expense. High quality construction provides excellent reliability and long life. Zero maintenance, brushless, thermostatically controlled DC compressor operates on 24 VDC.

SINFIN refrigerators and freezers provide outstanding economical and reliable operation. Low energy consumption is the key that allows SINFIN refrigerators and freezers to be cost effectively powered from solar & batteries. This technology allows refrigeration in remote locations where it was previously unavailable or prohibitively expensive.

Features:

- Very low energy requirement, desired temperature up to -15 to -20 degrees can be achieved.
- 12 or 24V DC operating voltage featuring shutoff at low voltage that consumes 150 watts per hour.
- Can be attached directly to battery of 12 volt 150AH x 2nos with back up time of nearly 18 to 20 hours
- This Product comes with ready to use & does not require Installation or Demo.
- Deep Freezers runs on a single 315W module in most climates!
- 12 or 24 VDC with low voltage disconnect for battery protection
- Environmentally friendly CFC free refrigerant (R-134)
- Automatic control with adjustable thermostat



Specification

'E' Model

| Model | SWAY_DF230L | SWAY_DF350L | SWAY_DF500L |
|-------------------|-------------------|-------------------|-------------------|
| Capacity Liters | 230Litre | 350Litre | 500Litre |
| Power Supply | 200V - 240V | 200V - 240V | 200V - 240V |
| Color | White/Red | White/Red | White/Red |
| Rated Current | 0.6A | 0.78A | 0.78 |
| Power Consumption | 140watt | 180watt | 180watt |
| Door | Single | Single | Single |
| Temperature | -15 to -20 degree | -15 to -20 degree | -15 to -20 degree |
| Body | M.S / non scratch | M.S / non scratch | M.S / non scratch |
| Dimension | 952*520*825mm | 1000*663*770 mm | 1546*735*862mm |
| Weight | 45Kgs | 59Kgs | 73Kgs |

Specification

'S' Model (Ready Go)

| Model | SWAY_DF230L | SWAY_DF350L | SWAY_DF500L |
|-------------------|-------------------|-------------------|-------------------|
| Capacity Liters | 230Litre | 350Litre | 500Litre |
| Color | White/Red | White/Red | White/Red |
| Input Voltage | 12V DC | 12V DC | 24V / 48V DC |
| Power Consumption | 70watt | 120watt | 150watt |
| Door | Single | Single | Single |
| Compressor Type | BLDC | BLDC | BLDC |
| Temperature | -15 to -20 degree | -15 to -20 degree | -15 to -20 degree |
| Body | M.S / non scratch | M.S / non scratch | M.S / non scratch |
| Dimension | 952*520*825mm | 1000*663*770 mm | 1546*735*862mm |
| Weight | 45Kgs | 59Kgs | 73Kgs |
| Battery Input | 24V -100Ah x2Pcs | 24V -100Ah x 2Pcs | 24V - 150Ah 2Pcs |
| Solar Input | 300 watt | 300watt | 600watt |





SEMI AUTOMATIC WASHING MACHINE

FEATURES

- FUZZY WASH PROGRAM • TRANSPARENT LID • DELAY WASH • QUICK WASH
- CHILD LOCK • HONEYCOMB CRYSTAL DRUM • MAGIC FILTER
- ONE KEY HYDRATION • ELECTRIC WATER LEVEL SELECTION
- TUB SELF CLEAN • MEMORY BACKUP • OUTER BODY PCM

SPECIFICATIONS

SEMI AUTOMATIC WASHING MACHINE

| MODEL NO. | SWAY-WM8.0SA | SWAY-WM8.5SA | SWAY-WM9.0SA |
|-----------------------|-----------------------------|--------------------------------|-----------------------------|
| MAXIMUM RATED | 8.0 | 8.5 | 9.0 |
| INPUT MAIN POWER | 230V-50HZ | 230V-50HZ | 230V-50HZ |
| WASHER POWER | 520W | 420W | 520W |
| SPINNER POWER | 190W | 160W | 190W |
| UNIT SIZE | 830X485X975MM | 805X475X1040 | 830X485X1005MM |
| PACKED SIZE | 855X540X1030MM | 820X520X1100 | 855X540X1060MM |
| NET WEIGHT | 24.5KG | 24KG | 24.5KG |
| GROSS WEIGHT | 29KG | 29KG | 29KG |
| WATER CAPACITY LOW | 60L | 43L | 60L |
| WATER CAPACITY HIGH | 77L | 66L (OVER FLOW 70L) | 77L |
| PROBABILITY | RUBBER PAD & CASTER WHEELS | CASTER WHEELS | RUBBER PAD & CASTER WHEELS |
| ALARM/BUZZER | BUZZER | BUZZER | BUZZER |
| WASH TIMER | 35MIN | 35MIN | 35MIN |
| SOAK TIMER | 20MIN | 20MIN | 20MIN |
| SPIN TIME | 5MIN | 5MIN | 10MIN |
| POWER CORD & PLUG TOP | 3CORE 3PIN 6A,250VAC,IS STD | 3 CORE 3 PIN 5A 250VAC, IS STD | 3CORE 3PIN 6A,250VAC,IS STD |
| PULSATOR TYPE | FIVE WINGS PULSATOR | DYNAMIC BUMPS | FIVE WINGS PULSATOR |

FULLY AUTOMATIC WASHING MACHINE

| MODEL NO. | SWAY-WM7.2FA |
|-----------------------|--------------------------------|
| MAXIMUM RATED | 7.2 |
| INPUT MAIN POWER | 230V-50HZ |
| WASHER POWER | 360W |
| SPINNER POWER | 300W |
| UNIT SIZE | 520X530X900MM |
| PACKED SIZE | 580x605x980MM |
| NET WEIGHT | 29KG |
| GROSS WEIGHT | 32KG |
| WATER CAPACITY LOW | as per timer |
| WATER CAPACITY HIGH | as per timer |
| PROBABILITY | as per timer |
| ALARM/BUZZER | as per timer |
| WASH TIMER | as per timer |
| SOAK TIMER | as per timer |
| SPIN TIME | as per timer |
| POWER CORD & PLUG TOP | 3 CORE 3 PIN 5A 250VAC, IS STD |



INVERTER WATER GEYSER

- India's first Inverter water Geyser
- Available in 15L and 25L
- Suitable for high-rise buildings
- Only 900watt heating element
- Fire retardant cable with 3 pin plug
- High efficient and long incolog
- 70% Electricity saving
- Rust proof ABS Body



EXPERIENCE INNOVATION AT IT'S BEST

SINFIN MOST ADVANCED WATER HEATER

TECHNICAL SPECIFICATIONS

| CAPACITY | 15L | 25L |
|-------------|--------------|--------------|
| WATT | 900WATT | 1200WATT |
| AUTO CUT | YES | YES |
| WEIGHT | 7 kgs | 10 kgs |
| AMP | 4 AMP | 5 AMP |
| CONSUMPTION | 0.9 UNIT P/H | 1.2 UNIT P/H |



WALL MOUNT HEATER

Electrically Heated Panels heat everything and everybody within the range. The panels can either be installed so that can:

- 'Camouflage' with the grid ceiling or the ceiling patterns or
- Mounted on the walls as a n 'Art Work' or a 'Heated Wall Panel'.

The integrated suspension brackets make it possible to secure the panels directly onto all sorts of ceilings and provide heating in every type of residence, office, showroom or shop with the freedom of effecting the interior layout and design. The Wall Mounting brackets make it possible to secure the panels directly onto the walls to provide heating & enhance the décor of the room. The panels are in perfect synch with the interiors and can be used in every type of residential applications, offices, showrooms etc.

The warming up period is very short, making this product best suited for:

- Small Rooms that are not occupied continuously, but must be brought up to temperature in a short period when needed.
- Rooms / Spaces where Floor Heating cannot be provided
- Temporary structures / Cabins

SinFin provides comfortable, natural and healthy radiated heat!

Technical details:

Electrically Heated Panels are easy to install into every type of system ceiling or fitted directly onto the Ceiling or Walls using the integrated suspension system. Each panel has its own suspension system

Electrically Heated Panels only produce radiated heat. The high intensity of the infrared heat waves provides optimal comfort in a very short space of time

*Electrical heating cables embedded in power coated GI panel.



| S.No. | SinFin Heaters | Size | Appx Wt. | Appx. Electric consumption/hr | Master Packing |
|-------|--|-----------|----------|---|----------------|
| 1. | 1000watt 3 in 1 (can work on 400watt, 600watt & 1000watt) | 2' x 3' | 10Kgs | 0.4Unit to 1 Unit (1.00 Unit per Hour) | 2pcs |
| 2. | 2000watt 2 in 1 (can work on 1000watt & 2000watt) | 25" x 17" | 11.5Kgs | 0.4Unit to (1-2 Unit per Hour) | 2pcs |



EXPERIENCE INNOVATION AT IT'S BEST

SINFIN MOST ADVANCED CEILING FAN



- Smart Remote with Sleep, Timer & Boost Mode • Brushless Technology
- Most Energy Efficient Fan • No humming noise
- 2 Years Warranty • Saving upto Rs. 1500 per year
- Long life motor • Comes with easy plug and play open wire

Benefits

- Three blades with wide span to cover maximum area
- Comes with seven speed modes
- Can run directly on electricity main grid
- Best for house, shops, small workshop, Study Room

| SPEED | NORMAL FAN WATTAGE | SINFIN FAN WATTAGE |
|-------|--------------------|--------------------|
| 1 | 7 | 3 |
| 2 | 14 | 7 |
| 3 | 24 | 12 |
| 4 | 42 | 18 |
| 5 | 70 | 24 |
| 6 | - | 28 |
| ☼ | - | 30 |

VS

- Dualball bearing • Winding pure copper wire • Timer Mode • Reverse functioning • LED night lamp
- Smart mode : Auto decreasing speed • 3 Watt to 30 watt • Air delivery 230-250cm
- Operating voltage 110V-300V