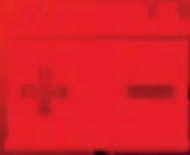
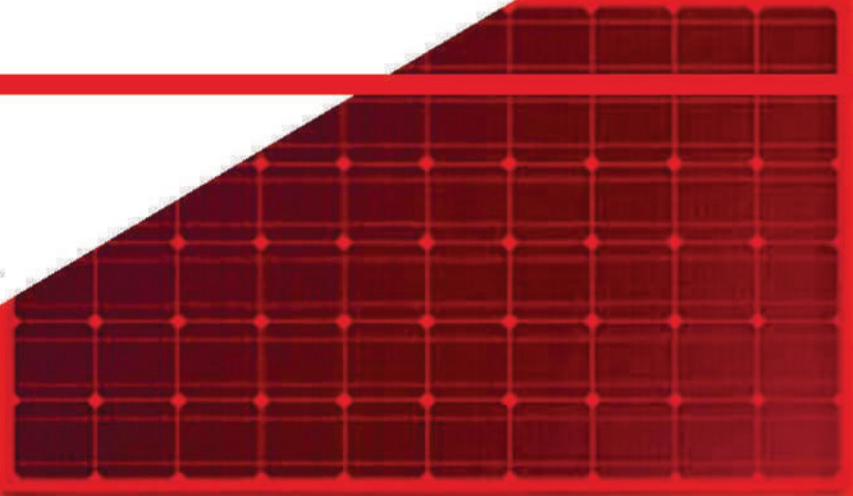




solarzee

# Solarzee

Trading & Contracting (OPC) Pvt. Ltd.



## 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

	<b>Regular Air Conditioner</b>	<b>Solar Air Conditioner</b>
Wattage	2000watt	800watt
Starting Load	3500watt	100watt
Running Amp	7 to 9 Amp	2 to 4.5Amp
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 2500VA Inverter Battery
Unit Consumption on Electricity (per 10Hrs)	17 to 20Units	5 to 7 Units

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



## '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
<b>Savings in Percentage</b>				<b>58%</b>	<b>73%</b>



# 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 4.5
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 MCB	6A
	Power supply to Ref. max Piping Length	Indoor 15 Ft.

**BLDC**  
TECHNOLOGY

**100%**  
COOPER

**STABILIER**  
FREE OPERATION

**SOLAR PCU**  
C O M P A T I B L E

**INVERTER**  
BATTERY COMPATIBLE







# 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 4.5	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.

**BLDC**  
TECHNOLOGY

**100%**  
COOPER

**STABILIER**  
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
3	Capacity(Ton)	1.5 Ton
4	Starting Current Amp.	0.5
5	Running Current Amp.	Min 0.8 Max 4.5
6	Air Flow	424/519
7	Refrigerant	R410/R32
8	Per Hour Unit Consumption on Grid	0.5 to 0.8 unit
9	Compressor	Magnetic/vibratic
10	Electricity Saving Comparison to Other AC	Upto 80%
11	Power Input DC	180 Voc – 280 Voc
12	DC Current Rating	8-9AMP
12	Power Input AC	190V – 250V AC
12	Indoor Noise Level (L/M/HT) dB(A)	43/39/35/28
13	Indoor Unit Dimensions	918x278x364mm
	Net Weight	12.9 Kgs
14	OutDoor unit Dimensions	878x630x360 mm
	Gross Weight	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

**100%**  
COOPER

**STABILIER**  
FREE OPERATION

**SOLAR PCU**  
C O M P A T I B L E

**INVERTER**  
BATTERY COMPATIBLE

# 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_DF200L	SWAY_DF350L	SWAY_DF500L
Capacity Liters	200Ltr	350Ltr	500Ltr
Power Supply	200V - 240V	200V – 240V	200V – 240V
Color	White	White	White
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_DF200L	SWAY_DF350L	SWAY_DF500L
Capacity Liters	200Ltr	350Ltr	500Ltr
Color	White	White	White
Input Voltage	24V DC	24V DC	24V / 48V DC
Power Consumption	95watt	120watt	150watt
Door	Single	Single	Single
Compressor Type	DC	DC	DC
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



## DC REFRIGERATOR 12V DC 25 WATT ONLY



### S' Model, Ready Go

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



**50% THICKER  
INSULATION**



**DC COMPRESSOR  
OPERATES ON  
12V/24V DC**



**NO INVERTER/  
STABILIZER  
REQUIRED**



### Key Features:

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

### E' Model

<b>Capacity</b>	<b>200 Ltr</b>	<b>225 Ltr</b>
<b>Operating Voltage</b>	<b>90V - 310V</b>	<b>90V - 310V</b>
<b>Wattage</b>	<b>40watt</b>	<b>40watt</b>
<b>Power Consumption (Per Hr)</b>	<b>0.04Unit</b>	<b>0.04Unit</b>
<b>Work without stabilizer</b>	<b>Yes</b>	<b>Yes</b>
<b>Fastest Ice Making</b>	<b>Yes</b>	<b>Yes</b>
<b>Handle Type</b>	<b>Arina</b>	<b>Arina</b>
<b>Dimension</b>	<b>1247x591x638 mm</b>	<b>1172x534x633 mm</b>





## 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

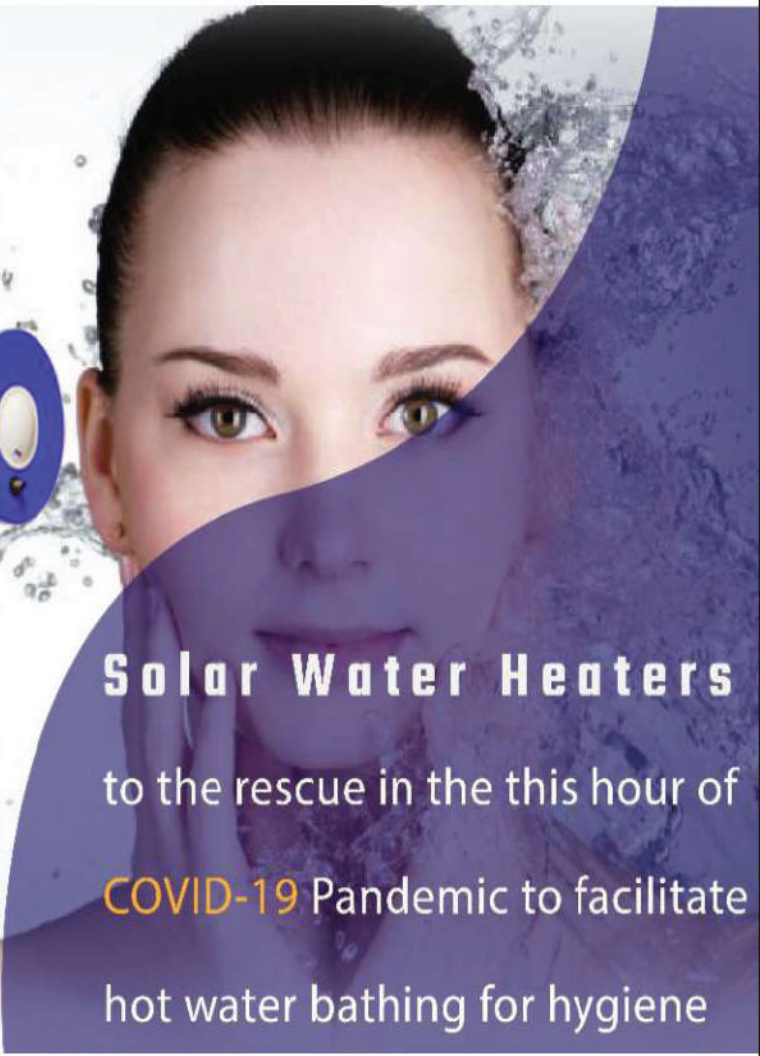


### TECHNICAL SPECIFICATIONS

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







**Solar Water Heaters**  
to the rescue in the this hour of  
**COVID-19** Pandemic to facilitate  
hot water bathing for hygiene

[www.supremesolar.in](http://www.supremesolar.in)

**Solar Technology at its best**



**ROOFTOP  
SOLAR  
PANEL  
SYSTEM**



**REDUCE ELECTRIC  
BILL UPTO 90% WITH  
GRID SOLAR PLANT**





# Solar Water Pumps

Submersible pumps  
Monoblock pumps



Bringing Reliable Water Supply with  
Solar Water Pump Solutions



# Hardoll Solar Pillar Light or Post Light (Dusk to Dawn)

Model No : SPL-10W

12 Months  
Warranty

**Type :** Post light

**LED :** 20pcs

**Working Type :** Dusk to Dawn

**Solar Panel :** 5V/8W monocrystalline

**Battery :** 3.7V 6000mAh

**Power :** 10W

**Protection:** IP65

**Material :** Aluminum + PC

**Color Modes :** Warm, Cool, White

**Backup Time :** 2-3 Days

**Warranty :** 12 months



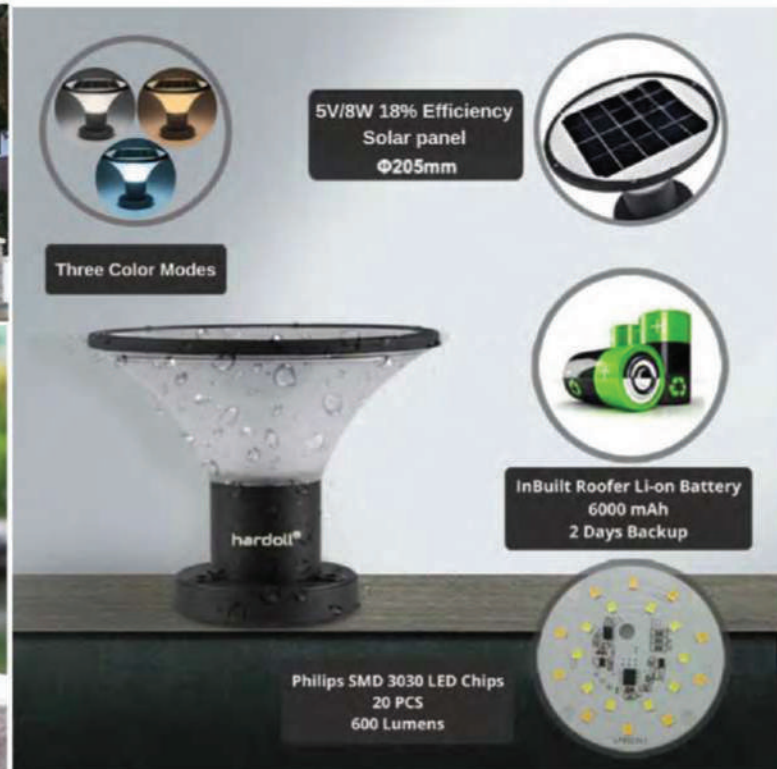
Press Button Once  
White

Press Button Second Time  
Warm



Press Button Third Time  
Warm White

Press Button Fourth Time  
OFF



# Solar Path Lights For Garden, Home, Decoration, Outdoor (Cool/Warm White)

Model No : ML-136

**Type :** Decoration lights

**Solar Panel :** Monocrystal

**Battery :** AA 600mAh NI-CD

**LED :** 1 Cool White/ Warm white

**Duration :** 6 to 8 hrs

**Light :** 5 lumens

**Material :** Plastic

**Safety :** Waterproof(IP 44)

**Warranty :** 3 months

**Both warm and cool white options are available**



3 Months  
Warranty





# LED

## Solar Semi-Intergrated Lights



WITH REMOTE



WITH REMOTE



<b>SOLAR STREET LIGHT 30W</b>
CODE : SLSOLARINT30
432 LED 5730 EPISTAR
LED POWER:200W
PANEL: 5V 30W POLY
BATTERY: 3.2V 30Ah LiFePo4

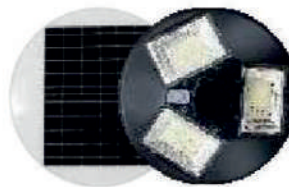
### Remote:

- Auto: 100% lighting up at the first 20mins, 70% for 4.5hrs and 30% for remaining hours
- On/Off: Light on and off(no working for light Sensor)
- 3H: Set up for 3 hours lighting up, after 3 hours light off
- 5H: Set up for 5 hours lighting up, after 5 hours light off
- 8H: Set up for 8 hours lighting up, after 8 hours light off
- Half light: Set up for 50% lighting up
- Full light: Set up for 100% lighting up

FOR OUTDOOR APPLICATION

# LED

## SOLAR UFO GARDEN POST LIGHT



CAN BE USED AS GATE LIGHT

25W LENS MODEL	
MODEL	GARDENSOLAR15R
LED	240 LED 5730 EPISTAR
LED POWER	120W
SOLAR PANEL	5V 15W
BATTERY	3.2V 15Ah LiFePo4
CHARGING TIME	7-8 Hrs
LIGHTING TIME*	2-3 Night
SENSOR	<ul style="list-style-type: none"><li>• Optically 10% brightness at the first beginning</li><li>• Radar sensor 100% brightness</li><li>• 15% brightness if no movement for 30 sec</li><li>• Keep on 15% brightness if no movement</li></ul>

\* Lighting Time calculated is with sensor in Ideal Condition





# LED

## SOLAR EMERGENCY INTEGRATED FLOOD LIGHT



SPECIFICATIONS		
MODEL	EMSOLARFL50	EMSOLARFL100
LED POWER	50W	100W
NO. OF LED	5730 110Pc	5730 180Pc
BATTERY	LiFePo4 3.2V 10Ah	LiFePo4 3.2V 15Ah
SOLAR PANEL	5V 7W	5V 10W
LIGHT MODES	4 Modes High/Medium/Low/Warning Light	
CHARGING	2 Modes Solar/USB	
FUNCTION	USB Output Works as Power Bank	
BACKUP TIME*	1 Day	1 Day

\* Backup Time calculated will vary according to lighting modes



solarzee

We are leading sales and distributors for following products

- SINFIN SOLAR AIR CONDITIONERS
- SINFIN SOLAR DEEP FREEZERS
- SOLAR DECORATIVE LIGHTS

## CONTACT DETAILS



**Solarzee Trading & Contracting  
(OPC) Pvt. Ltd.**

Solarzee, Madhuvan Complex, Brahmavar,  
Udupi District



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