



## Solar Lights & Solar Power Plant



[www.sundaksolar.com](http://www.sundaksolar.com)



**IP-67**

# OUR CERTIFICATION



**ISO-9001:2015**



**MNRE-HLS**



**MNRE-Lantern**



**MNRE-SLS**



**MNRE-LED SLS**



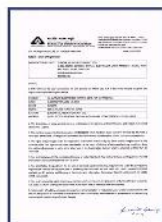
**SPECTRO-CC**



**IS16102:IEC62560**



**IS 15885  
2012+A1:2015**



**BIS-15885**



**BIS-16102**



**MNRE Channel  
Partner Certificate**



**NSIC**



**NSIC-2**



## About Us:

**SUNDAK SOLAR SOLUTIONS** the leading Power Solution provider in India, with its consistent focus on technological innovation, has attained heights unheard of, in the largely unorganized industry. Having a clear technological edge, creating new benchmarks and upgrading standards for the industry comes naturally to **SUNDAK SOLAR SOLUTIONS** Solar Solutions. **Today, SUNDAK SOLAR SOLUTIONS** Solar Solutions is the established leader in product innovation, design sensibility and sales distribution & service support network.

An **ISO 9001** and **ISO 14001** certified company, **SUNDAK SOLAR SOLUTIONS** is a state-of-the-art in house production facilities, systematically planned and built to modern construction standards. The plants are equipped with sophisticated assembly lines and are backed by completely integrated in-house component manufacturing facilities and R&D Center.

### OUR VISION

Once solar energy becomes economically viable for everyday use, we see a future where:

- All Indians will get benefit from this pure and clean primary energy resource.
- Millions of homes and commercial buildings across the nation use solar technology to provide all or much of their energy needs.
- The Sun Belt states get much of their electricity from solar power plants sited near the communities that need it.

### OUR MISSION

Our goals align with the National Energy Policy goals to ensure that India's energy portfolio supports a cleaner environment, stronger economy, and strengthened national security by providing a stable, diverse domestic energy supply to protect our future.



## SUNDAK SOLAR SOLUTIONS PVT. LTD.

Office: G-292, Sector 63, Gautam Budh Nagar, Noida -201301 (U.P.)

Contact: 0120-4130850 | Email: [info@sundaksolar.com](mailto:info@sundaksolar.com) | [www.sundaksolar.com](http://www.sundaksolar.com)





## SOLAR LANTERN



### LANTERN

7W CFL | 5W LED / 3W LED

12V | 12V / 6V Battery

10W | 5W / 3W Panel

Running Hr.: 6-7 hr.

AC-DC Charger

Mobile Charger

### Feature:

- Compact, Lightweight, Portable.
- Rugged design suitable for toughest conditions.
- Special charging socket to prevent reverse polarity.
- Low Voltage Disconnect.
- Over Charge Protection.

**Warranty:** 1 Year Warranty on Complete Lantern System.  
6 Months Warranty on Lantern Battery.

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## SOLAR LED HOME LIGHT SYSTEM



### SOLAR LED HL SYSTEM

5W LED

12V - 40Ah Battery

40W Solar Panel

12V-5Amp Charger Controller

DC Fan

Running Hr.: 4-5 hr.

Also available in various  
size as required

### Feature:

- Safe and Easy to install.
- Free from noise, smoke and pollution.
- Available in different configuration.
- Elegant and efficient Luminaries.
- Adequate protection and indications.

**Warranty:** 2 Years Warranty on Battery & 20 Year on Panel.  
1 Year Warranty on Completed System.

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## SOLAR LED HOME LIGHT SYSTEM



### SOLAR LED HL SYSTEM

2.5W LED Light

12V-7Ah Battery (SMF)

10W Solar Panel

One DC Fan

Also available in various  
size as required

### Feature:

- Safe and Easy to install.
- Fit it & Forget it System.
- Free from noise, smoke and pollution.
- Battery, Charge Controller, LED Drive all housed in single enclosure.

**Warranty:** 6 Month Warranty on SMF Battery & 20 Year on Panel.  
1 Year Warranty on Completed System.

### Available Model



3W

3W

3W

2W

3W

2.5W

2.5W



## BLDC CEILING FAN, PEDESTAL FAN & COOLER

- Cool & Fresh Air.
- Easy to Connect with Solar Panel.
- Lower energy consumption.
- Reduced maintenance costs.
- Immune to power outages.



Size in Blade  
Rated Voltage  
Rated Current  
Rated Power  
Air Delivery  
Speed Control  
Noise  
Rotational Speed  
Wind Type  
Motor Type

36" (900mm)  
12V DC  
1-1.5 A  
<18Watt  
160 CMM  
4 to 5  
27DB-A  
>415 RPM  
Soft & Strong  
DC Current,  
Brushless Motor

42" (1050mm)  
12V DC  
1.5-2 A  
<24Watt  
180 CMM  
4 to 5  
27DB-A  
>360 RPM  
Soft & Strong  
DC Current,  
Brushless Motor

48" (1200mm)  
12V DC  
1.8-2.5 A  
<30Watt  
200 CMM  
4 to 5  
27DB-A  
>300 RPM  
Soft & Strong  
DC Current,  
Brushless Motor

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Run with  
solar inverter



## SOLAR INVERTER



### SOLAR INVERTER & PCU

100VA to 7.5 kw

Micro controller based

Lightning protection

Battery reverse protection

Panel reverse protection

Over current protection

Battery over charger protection

### Feature:

- Auto switchover between solar and mains charging
- Zero drop solar charger (10-40)Ampr.
- Simultaneous charging through mains as well as solar panel.
- Short charging time & Long battery backup.

**Warranty:** 1 Year on Inverter

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## SOLAR CHARGE CONTROLLER



### CHARGE CONTROLLER

Easy to connect with solar panel.

Lower energy consumption.

Reduced maintenance costs.

- 15V to 168V Input panel voltage
- 12V, 24V, 36V, 48V, 60V, 72V, 96V Battery Voltages
- 10, 20, 30 and 40 Amp Solar Charging Currents
- 90% Charging Efficiency
- ABS plastic casing / Metal casing
- Copper wires with thimbles for Input/Output terminals
- 5 Amp DC output with battery low cut available in 12V and 24V models.

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## SOLAR SUPER CONVERTER



### SUPER CONVERTER

Wide Voltage range

12V, 24V, 48V, 72V, 96V

Charging Current 20 & 40Amp

Weight - 1.5 kg

Size (in mm) - 210 X 205 X 75

- Digital Microcontroller Based Topology
- Automatic Battery Management
- Automatic Mains change over
- PWM BCCV charger (Two Stage)
- Solar PCU functionally
- Reverse Battery Protection
- Reverse Panel Protection

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## SOLAR MPPT CHARGER



### SOLAR MPPT CHARGER

Wide battery voltage range  
12V to 96V

Wide charging current range  
10 Amp to 100 Amp

Efficiency greater than 96%

Size (in cm): 23 X 27 X 9

- Lightning protection
- Battery Reverse protection
- Panel reverse protection
- Over Current protection
- Battery over charger protection
- Reverse Battery Protection
- Built in Reverse Panel current protection during nights.

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## SOLAR STREET LIGHT



### STREET LIGHT

Available in CFL & LED  
Various Size  
(6 Watts to 100 Watts)

Also available with panel,  
Battery & pole as a complete  
Systems.

### Feature:

- Easy to installation -quick connect plug.
- Lower energy consumption.
- Reduced maintenance costs.
- No mercury, lead or other know disposable hazards.
- Immune to power outages.

**Warranty:** 2 Years Warranty on Battery & 20 Year on Panel.  
1 Year Warranty on Completed System.







## SOLAR TUBULAR BATTERIES

12. Volt from  
100 Ah to 200 Ah @C-10at 27°C



### SOLAR BATTERY

Container and Lids  
Separator  
Positive Plate  
Negative Plate  
Connectors  
Vent Plugs  
Sulphuric Acid  
Self discharge when charged  
Ah / Wh efficiency

- Polypropylene co Polymer
- Polypropylene envelope type
- Tubular Type
- Flat Pasted
- Through Partition Welding
- PP with Float
- 1.250 sp. Gravity When fully charged
- 3% per month @ 27°C
- Ah efficiency Above 90% / Wh efficiency Above 78%

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## SOLAR STREET LIGHT Micro Controller

### MICRO CONTROLLER

Charge Controller  
Sensor  
Feature  
Output  
Driver

Efficiency

### Solar Street Light

- 6amp PWM charge controller inbuilt.
- Motion sensor integrated.
- Dimming feature.
- Output power configurable 7W-40W.
- Zero drop technology.
- Reverse polarity protection for battery and panel.
- >90% Efficiency.
- Dust to dawn feature using solar panel.

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 LED Lantern Model: 1001	 CFL Lantern Model: 1002	 LED Lantern Model: 1003	 CFL Home Light Model: 2001	 LED Home Light Model: 2002	 LED Home Light Model: 2003
 LED Bulb Model: 2004	 LED Home Light Model: 2005	 LED Hanging Light Model: 2006 / 2007	 CFL Street Light Model: 3001 / 3002	 6W LED Street Light Model: 3003	 6W LED Street Light Model: 3004
 9W LED Street Light Model: 3005	 12W LED Street Light Model: 3006	 15W LED Street Light Model: 3007	 18W LED Street Light Model: 3008	 10 Amp Charge Controller Model: 4001	 5 Amp Charge Controller Model: 4002
 20 Amp Charge Controller Model: 4003	 40 Amp Charge Controller Model: 4004	 60 Amp Charge Controller Model: 4005	 20 / 40Amp Super Converter Model: 4006	 LED Home Light Box Model: 4007	 40 Ah Battery Model: 4008
 20 to 25 Watt Ceiling Fan Model: 5001	 10 to 15 Watt DC Fan Model: 5002	 20-30Watt Cooler Model: 5003	 600 VA Inverter Model: 6001	 1500 VA Inverter Model: 6002	 MPPT Solar Charger Model: 6003



## SOLAR POWER PLANT

**1KW to MW** For Industrial,  
Commercial and Residential Purpose.

*The Power of Nature*



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