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villages

Kumar Lights - Model KL 127S
Solar Light System for 24hrs Light back-up

Best for
Rural
India

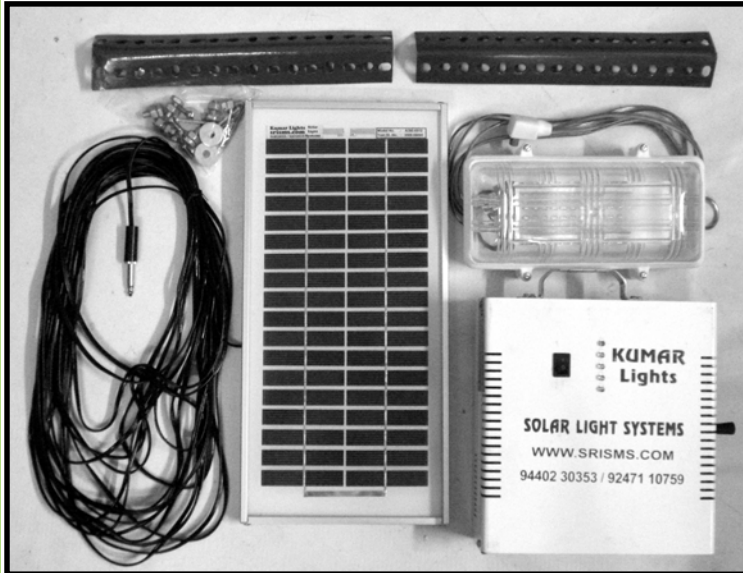
Anmol Naturals- Solar Energy Products

A Way for Hope, Health & Happiness

Solar Light System for 24hrs light back-up

Marketed by: www.srisms.com 9247 110759 / 9014 110759

A new breed of Solar Light System for light up to 24hrs a day and expected life up to 5 years that too maintenance free & eco-friendly are marketed by Sri Sresti Marketing Solutions. These Solar powered light, sound & power systems are very much useful for homes, offices, shops, industries, hospitals, temples, basements, hotel corridors, godowns, community centers, village panchayat offices, banks, mobile canvassing, emergencies etc.



Model KL 127S

Our basic solar light model KL127S can provide you light back up for 24hrs of **basic lighting** in low mode. Provides about 200 lumen in saving mode for about 24 hours and 300 lumen in normal mode for about 12 hours.

Even in low mode (savings mode) one can read and write and can do household chores. Full autonomy for Second day light back up is possible when used in savings mode. MRP Rs.4000/- + Taxes

N.B: Price / model and / or any of its components their relevant specifications may change without notice due to constant development & may not be exact to that of the shown prototype.

Component Specifications used for KL127S model

ISO Grade Solar panel

Specifications:

5Wp 12V

Voc 21.00V

Vmp 18.00V

Isc 0.31 A

Efficiency: 13.5%

Expected life: 25yrs

Full power obtained at 23 degree south inclined noon-sun.

Power Pack with PWM

Specifications:

Battery make: Eveready

EP 12V 7Ah SMF

Depending on sun conditions

24hrs back up for light

Battery charging with

PWM Circuit

12V 14W

Expected life: 5-6yrs

LED Light Strip

Specifications:

12V 2.5W / 3W

Light output 300LM app.

LED's 60 nos

Soft white light

Angle 120°

Expected life: 50,000hrs

LED's mounted on PCB & firmly fixed on aluminum base

Our other similar products

Model **KL127S2** can provide you light back up for 24hrs of **basic lighting** in low mode with one light strip. Comes with one 5W panel and TWO 60LED light strips MRP is Rs.5000/- + Taxes. Provides about 200lumen in saving mode for 12 hours and 300 lumen in normal mode for 6 hours. ALWAYS CHARGE THE BATTERY.

Model **KL127D** can provide you light back up for 24hrs of **basic lighting** in low mode. Comes with one 10W panel and ONE 60LED light strip MRP is Rs.5000/- + Taxes. Provides about 200 lumen in saving mode for 24hours and 300 lumen in normal mode for 12hours. Full autonomy for Second day light back up is possible when used in normal mode. ALWAYS CHARGE THE BATTERY.

Model **KL127D2** can provide you light back up for 24hrs of **basic lighting** in low mode with one light strip. Comes with one 10W panel and TWO 60LED light strip MRP is Rs.6000/- + Taxes. Provides about 200lumen in saving mode for 12 hours and 300 lumen in normal mode for 6 hours. ALWAYS CHARGE THE BATTERY.

Kisan model similar to **KL127D** can provide you light back up for 24hrs of **basic lighting** in low mode. Comes with one 10W panel and ONE 60LED light strip MRP is Rs.55000/- + Taxes. Provides about 200lumen in saving mode for 24 hours and 300 lumen in normal mode for 12 hours. The metallic luminary can be hand held or hanged on a hook on to a wall or can be fixed on to a pole. The battery unit comes with a belt for easy carrying. This is the best unit for villages and camping. ALWAYS CHARGE THE BATTERY.

Even in low mode one can read and write and can do household chores. MOST OF US ARE HABITUATED WITH CONVENTIONAL TUBE LIGHT LIGHTING. HENCE SUDDENLY USING THESE SOLAR LIGHT MODULES OF OURS OR ANY ONE ELSE, WOULD NEED A LITTLE TIME TO ADJUST. PLEASE NOTE THESE CANNOT TOTALLY REPLACE YOUR PRESENT LIGHT SYSTEM OR YOU CAN ADAPT TO THESE AT ONCE. Contact us to replace your present light systems. (As per design and technical specifications of various components on test conditions the above data is recorded. However depending on exact usage, conditions, weather, position of panel etc there might be some deviations in actual performance.) Prices & Component Specifications are subjected to change without notice.

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Kumar Light systems run on high efficient LED's which have a life expectancy of about 50,000 hrs or say 5-6 years even when run 24 x 7.

1. Units are solar powered hence you are using green energy that is pollution free and available freely. The expected life of the solar panel is about 25 years hence a wise investment.

2. Most units are backed up with eco-friendly battery which has life expectancy of 4-5 years with one year replacement warranty from the battery manufacturer.

3. Light units are powered with Light Emitting Diodes which consume less power while giving maximum light that too without any heat dissipation hence no power loss while giving maximum conversion of power to light. Since LED's have long life of about 50,000 hours probably changing is not necessary for next 5-6 years.

4. All units provide an uninterrupted light supply of about 12 hours (during night time in low mode for one light strip) hence lighting supply for 24 hours is possible for the next five years depending upon conditions.

5. Rugged construction of the units provide long life of the device hence can be used in harsh conditions.

6. Solar module, power unit and the light device are interconnected with a lengthy cable hence each part can be individually placed as per convenience temporarily or permanently and provides lots of flexibility to manage.

7. Units do not have any DC to AC or DC to DC invertors or converters hence trouble free in the long run.

8. Most units come with a mobile charger which can suit to most mobiles hence uninterrupted communication is possible in most places where power is either scarce or un-available.

9. Some units are with built in FM receiver and powerful 10W audio amplifier which can be easily used as a public addressing system.

10. Provides basic light for a room of about 15ft x 15ft upto 24hrs a day* for the next few years. A wise investment and a great performer.

Please note: Exact duration of light availability / output may differ from place to place, intensity of sun availability, positioning of the solar panel, season, day and time of operation and other factors. Even in low mode one can read and write and can do household chores.

MOST OF US ARE HABITUATED WITH CONVENTIONAL TUBE LIGHT LIGHTING. HENCE SUDDENLY USING THESE SOLAR LIGHT MODULES OF OURS OR ANY ONE ELSE, WOULD NEED A LITTLE TIME TO ADJUST. PLEASE NOTE THESE CANNOT TOTALLY REPLACE YOUR PRESENT LIGHT SYSTEM OR YOU CAN ADAPT TO THESE AT ONCE. Contact us to replace your present light systems. (As per design and technical specifications of various components on test conditions the above data is recorded. However depending on exact usage, conditions, weather, position of panel etc there might be some deviations in actual performance.)

Prices & Component Specifications are subjected to change without notice. Service warranty only ONE YEAR for normal conditions of usage.

All the kits includes

1. Solar panel 5W / 10W from a reputed make
2. Angulars for fixing the solar panel
3. About 10mts wire from panel to battery unit with corresponding connector
4. Powder coated metallic battery box with Exide 12V 7Ah SMF battery, charge controller and other things
5. 3mts wire for first luminary, 10mts mts wire for second luminary (depending upon model)
6. 60LED / 120LED high bright luminary strip with proper housing and reflector
7. Nuts and bolts to fix panels
8. Instructions leaflet
9. Mobile charger FREE for all models except basic model KL127S

Common installation procedure for models

KL127S / KL127S2 / KL127D / KL127D2 / Kisan

Installing the unit is simple. The solar panel is to be fixed facing the south direction with about 23° inclination to drain off any rain water. You can fix it over the slab facing the sky. If any of your home walls are having constant sun light for more than 8 hours a day, you can fix the panel on it.

Then run the wire (about 10 meters) that was already attached to it to the power device (a heavy box with switches and indicator). Then attach the light module to it. The pins for the solar panel to the battery box (power device) and the pin of the light module to the power device are of different types & sizes. The power or battery box has clear marks on it where the pins are to be arranged.

You can keep the light module in a convenient position you need, as it comes with about 3 meters of wire. Choose a best place for optimum spread.

Since there are no electronic components to run the the light module you are free from future repair worries. **ALWAYS SEE THAT THE BATTERY IS CHARGED. NO USER SERVICEABLE PARTS INSIDE. DO NOT TAMPER OR EXPERIMENT. WARRANTY NOT COVERED IN ANY CASE**

Marketed by:

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