

One
Family
One
Sun
Power

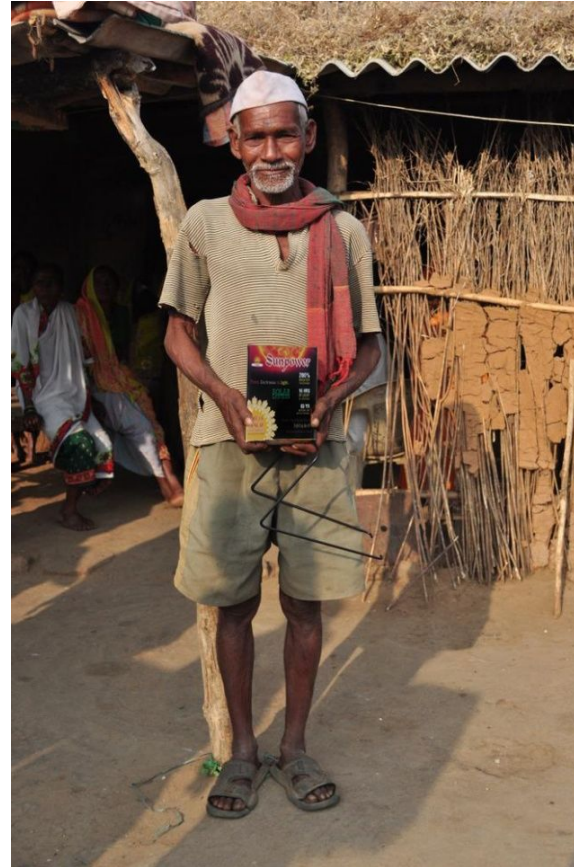
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Urja Saur Electronics

**From
Darkness
To
Light**



Welcome To
SUN POWER LIGHT
House



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CORPORATE

History

USE is a brand in today retail market that name itself suggest use. USE is Electronic and Solar product Manufacturing Company.

Our Vision

We Believe that we are making Great Electronic home appliance product for Daily consumers with simplicity of Innovation.

To be the customer's first satisfaction product in Electronics Market.

Our Mission

To make people life simple through Solar & Electronic Knowledge.

Team Urja



Product Manufactured

“SUN POWER” , “Pooja light” , Solar Invertors , Streetlight , Solar Home Design , with lots of upcoming project of Led Light.

We do OEM of Solar Water Heater also.

Satisfied Customers all over India with more than 100 Authorized dealers.

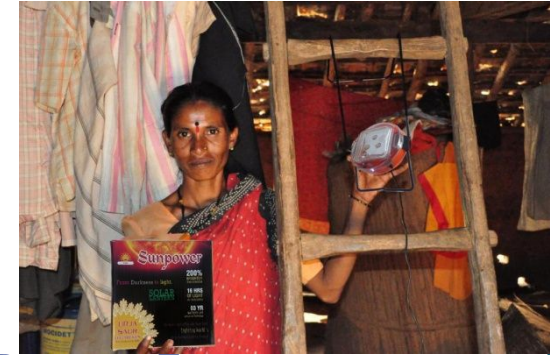


Note → Sun Power for Green Energy Mission Of India

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USE
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Recent Study about Rural area

Sun power is designed to offer the lives residing in rural areas a ray of hope. Ideal for children to read and write, portable light for farmers to go about their daily rituals after sunset, light for women to brighten up their dwellings. SUN power Lanterns also suffice the urban need of emergency lighting, decorative outdoor lighting and their use as night lamps. It lights more than a kerosene lamp and leaves no carbon emissions.



Our Sun Power solar lanterns use LED lamps that are environment friendly and leave no carbon emissions. They are highly durable lamps having a longer life than a bulb or CFL.



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Sun power has three mode of operation when fully charged

Sr. no.	Mode	Output	Output in Lum.	Appx. Operated time
1	Single light	1 Watt	140	12 Hours
2	Two light	2 Watt	280	8 Hours
3	Three light	3 Watt	420	6 Hours

Charging Period

Sun power takes 6 hours for full charge.

Rainy season 12 hours.

Pack Includes

Sun power 3W light , 2w solar panel with 5m wire , one Multipurpose stand , Warranty card , Box.

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4 steps to Re-Charge Sunpower Using Solar Panel.....!



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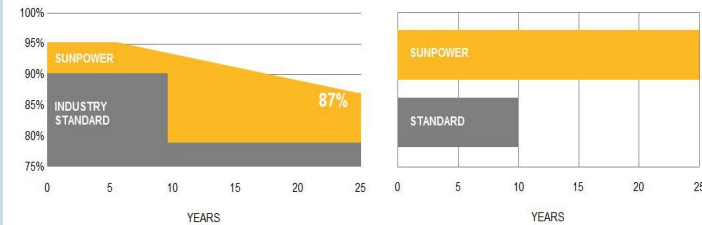
Sun power Technical Details

Light with Solar Panel

Multi purpose Light with 2 W & 12 volts with 5m wire.

Durable Maxeon™ Cell Design Allows SunPower to Deliver the Best Warranty in the Industry

- Because of the Maxeon™ Cell, SunPower can deliver the most reliable panel with the best warranty in the industry ... 9.1% more warranted energy compared with the industry standard
- Lowest Guaranteed degradation rate: -0.4%/yr



Internal technical part's detail of Sun Power



White color 1 W led which never fuse.



Lumex
Titan Brite High-Power-LED



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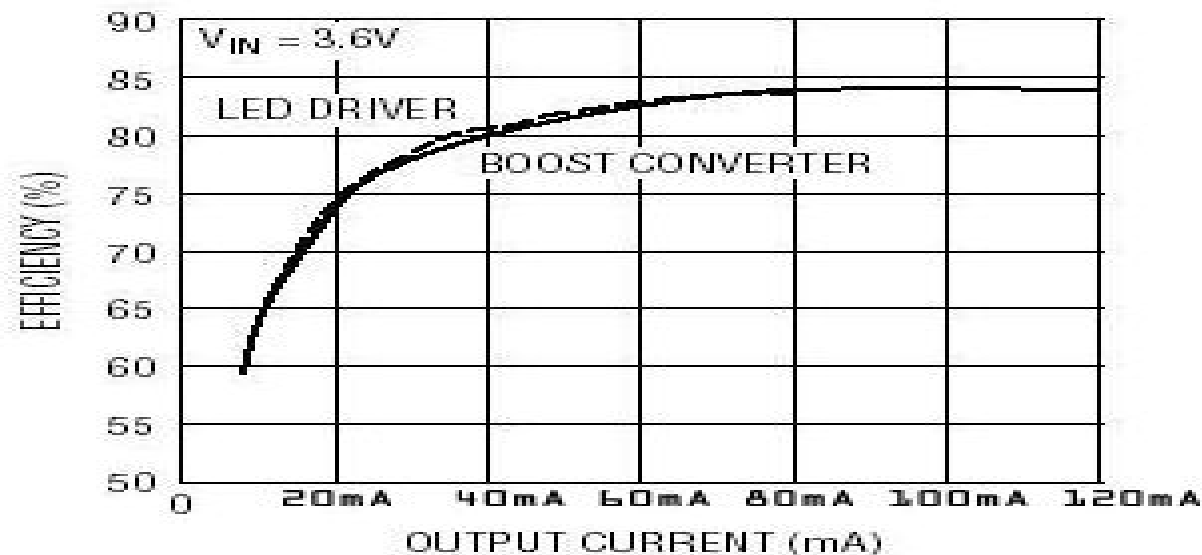
Sun power

Electronics IC Technical part's detail of Sun Power

IC MC XXXX- 18 Pin DFN Package Features

- Drives 3 White LEDs from a 3.7 V Supply.
- Independent Dimming and Shutdown Control of the Outputs.
- $\pm 4\%$ LED Current Computer Programming Accuracy.
- 83% Efficiency Driving 3 White LEDs at 60mA from a 3.6V Supply.

Conversion Efficiency



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Sun power has all protection Required.

Sun Power Life increased 6 times than ordinary lamps due to following:

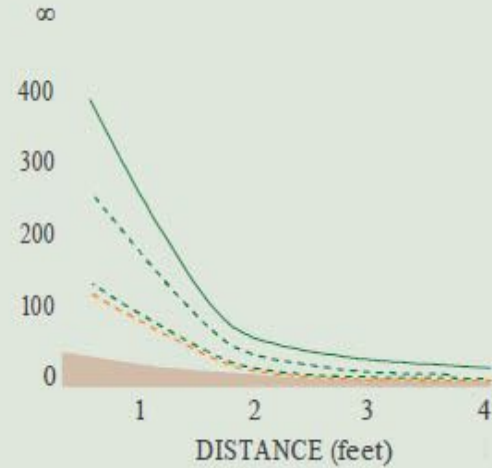
Protection	Benefits to customer	Technical Explanation
Over Charge	Battery long life.	Its IC cut the supply when charged to its 4.10 volt.
Short Circuit	Easy handy even a child can handle.	Its IC(MC) goes to ground level when heat increases as soon as short circuit happen
Over Discharge	More backup and battery	Its IC cut the supply when discharged to its 3.5 volt.
Charge Indicator	shows speed of charging battery.	Sun light spread on solar panel can be observed via Speed of led.
Led heat point	No Heat to area near light.	Having PCB mount heat sink it transfer heat to PCB. Heat is dissipated in PCB.



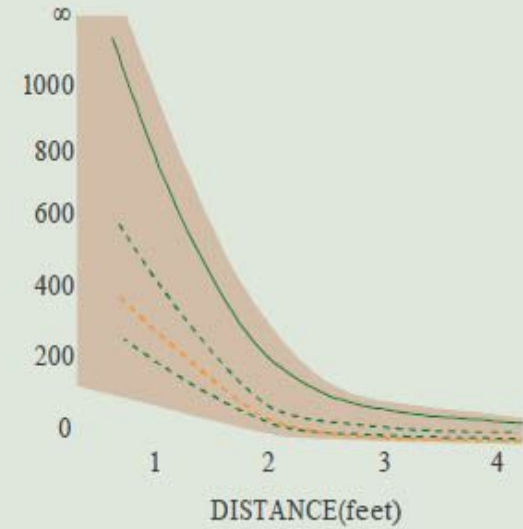
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Comparison

One Family One Sun Power



SunPower Low SunPower Medium SunPower High
LED Lantern Kerosene Lantern



SunPower Low SunPower Medium SunPower High
CFL lantern Petromax

FEATURES



2 BUTTON OPERATION

PORTABLE
READING
TORCH
CEILING



POWER PACK

1 YEAR WARRANTY

HOME LIGHTING



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THANK YOU



Web site → urjasaur.webs.com .

E-mail → urjasaurlight@gmail.com

Join us on Facebook → <https://www.facebook.com/use>

Head office :
Plot no. 36 , CIDCO Service Industries,
API Corner ,Behind Automotive MFRS.
N-1 Town Center, Near Ravi Masale,
431 005 , Aurangabad

