



DEEPA SOLAR SYSTEMS PRIVATE LIMITED

#4,80ft ring road next to BDA complex ,Nagarabhavi,Bangalore,

WWW.deepasolar.com,Ph:08023188484

Solar Home Lighting system



Solar Home Lighting Kits are the perfect compact solution for an independent power supply in remote locations where electricity is unavailable, unreliable or expensive. All systems are professionally designed for Lighting purpose

Deepa's Solar Home Lighting System (HLS) harnesses the sun's energy to light up your home with benefits that extend both to your wallet and to the environment, Deepa's Solar Home Lighting System is not only a Innovative creation but also a wise one. The Solar Home Lighting System, compact, portable and easily mountable, is an economical solution to all your power problems and comes in an easy-to-install kit.



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Features:

- Highly efficient PWM charge controller
- Three step charging algorithm
- Elegant and efficient luminaries
- Temperature compensated battery set points
- Safe & easy to install
- Free from noise, smoke and pollution
- Available in different configurations
- Battery status indication

Other Accessories:

- Mounting structure
- Cables
- Battery Enclosure
- Optional DC fan

Application:

- Houses
- Huts and Cottages
- Clinics
- Schools
- Holiday Resorts
- Offices
- Banks
- Other Indoor Applications



Benefits

- Economical: Since the sun provides energy free of charge, you enjoy 30% power savings on your electricity bills and a longer back up lighting system at zero running cost.
- Non-Polluting: Powered by the sun's renewable energy, the system is energy neutral and an absolutely clean source of illumination.
- Simple installation and easy operation.
- Excellent on - site service.



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Technical Specification

SOLAR LED HOME LIGHTING SYSTEMS				
Model	DSLS-HL - 1	DSLS-HL - 2	DSLS-HL - 3	DSLS-HL - 4
Watt	4W*1 No	4W*2 Nos	4W*3 Nos	4W*4 Nos
SPV Module	6V/6W	12V/12W	12V/24W	12V/24W
Battery	6V/7AH	12V/12AH	12V/20AH	12V/20AH
CCU	12V/5A	12V/5A	12V/5A	12V/5A
Working	3-4 Hrs	3-4 Hrs	3-4 Hrs	3-4 Hrs
Autonomy (No of Days Working)	2 Days	2 Days	2 Days	2 Days
Working Volt Range	110V to 270V	110V to 270V	110V to 270V	110V to 270V
Frequency Range	47-60 Hz	47-60 Hz	47-60 Hz	47-60 Hz
Colour Temperature	6500K	6500K	6500K	6500K
Beam Angle	>120°/ 60x120	>120°/ 60x120	>120°/ 60x120	>120°/ 60x120
CRI	>70 Ra	>70 Ra	>70 Ra	>70 Ra
Operating Temp.	(-20° to 60°C)	(-20° to 60°C)	(-20° to 60°C)	(-20° to 60°C)
Working Humidity	<95%	<95%	<95%	<95%
Power Efficiency	>90%	>90%	>90%	>90%
Applications	Indoor Lighting System	Indoor Lighting System	Indoor Lighting System	Indoor Lighting System

The spec is all CPRI tested, MNRE & DGS&D Approved.

