

Products And Services

Solar Led Lantern :-



- **Bright white light with long life LED**
- **No running costs**
- **4-5 hours of daily use**
- **Easy to carry**
- **Available in a wide range of models**
- **Long life, maintenance-free battery**

Solar Led Home Lighting System :-



Key- Features

- **12 V System**
- **Ready to use with solar module, luminaries, battery and charge controller**
- **Works 3 days without sunshine**
- **Easy to operate, negligible maintenance**
- **Meets MNRE Specifications**

Solar Street / Alley Lighting System :-



Aluminum Heat Sink, Black Power Coated, Ip66, LED (Nichia , Cree & Osram) Dusk to Dawn with 6 amp charge controller external use.

Technical Specification

Product	LED Street Light 9 watt	LED Street Light 12 watt	LED Street Light 15 watt	LED Street Light 30 watt
LED efficacy	120 lm/w	120 LM/ W	120 LM/ W	120 LM/ W
Input Voltage	12 V DC	12V DC	12V DC	12V DC
Luminous Flux (Lumen)	900 lm	1200 lm	1500 lm	3000 lm
Lamp Efficacy (lm/W)	100 lm/w	100 lm/w	100 lm/w	100 lm/w
Color Temperature (K)	5000-7000 K	5000-7000 K	5000-7000 K	5000-7000 K
Beam Angle	120 degree	120 degree	120 degree	120 degree
Working Humidity Range	0-95%	0-95%	0-95%	0-95%
Life Span	50,000 Hours	50,000 Hours	50,000 Hours	50,000 Hours
Protection	IP 66	IP 66	IP 66	IP 66
Replacement	18 watt CFL	2 X 11 watt CFL	2 X 18 watt CFL	70 watt HPSV

Products And Services

Solar based DC :-



Bulbs

Material : Aluminum + Glass, IP 54, Impact Resistance, Shock-proof, Without UV, Bulb Base : E 27, B22, Easy to install.

Product	LED Bulb	LED Blub
Total Watt	3 watt	5 watt
AC Input Voltage	AC 85 V-270 V	AC 85 V-270 V
Luminous Flux (Lumen)	330 lm	660 lm
Lamp Efficacy (lm/W)	110 lm/w	110 lm/w
Color	W/WW	W/WW
Beam Angle	180 degree	180 degree
Working Humidity Range	0-95%	0-95%
Life Span	50,000 Hours	50,000 Hours
Protection	IP 54	IP 54
Replacement	9 watt CFL	11watt CFL

Solar based DC :-



Tube Light

Aluminum Heat Sink, White Diffuser, Easy Installation, Available in 2ft & 4ft Length.

Product	LED Tube Light Retrofit 2 ft	LED Tube Light Retrofit 4 ft
Total Watt	8 watt	16 watt
AC Input Voltage	AC 85 V-270 V	AC 85 V-270 V
Luminous Flux (Lumen)	700 lm	1440 lm
Lamp Efficacy (lm/W)	87.5 lm/w	90 lm/w
Color Temperature (K)	6000-6500 K / 2700-4000 K	6000-6500 K / 2700-4000 K
Beam Angle	120 degree	120 degree
Working Humidity Range	0-95%	0-95%
Life Span	50,000 Hours	50,000 Hours
Protection	IP 20	IP 20
Replacement	20 watt FTL	36 watt FTL

Solar Submersible Pump :-



Features :-

- 24 V DC Submersible Pump
- Can operate from 58 wp to 155 wp SPV module
- Can lift water from 20 ft. to 230 ft.
- Can lift water 300lit. to 400lit. per hour.
- Can operate with the help of 75wp module and can also operate with the help of existing HLS(75wp) system as 2 in one operation.
- Can be used both urban and rural areas effectively