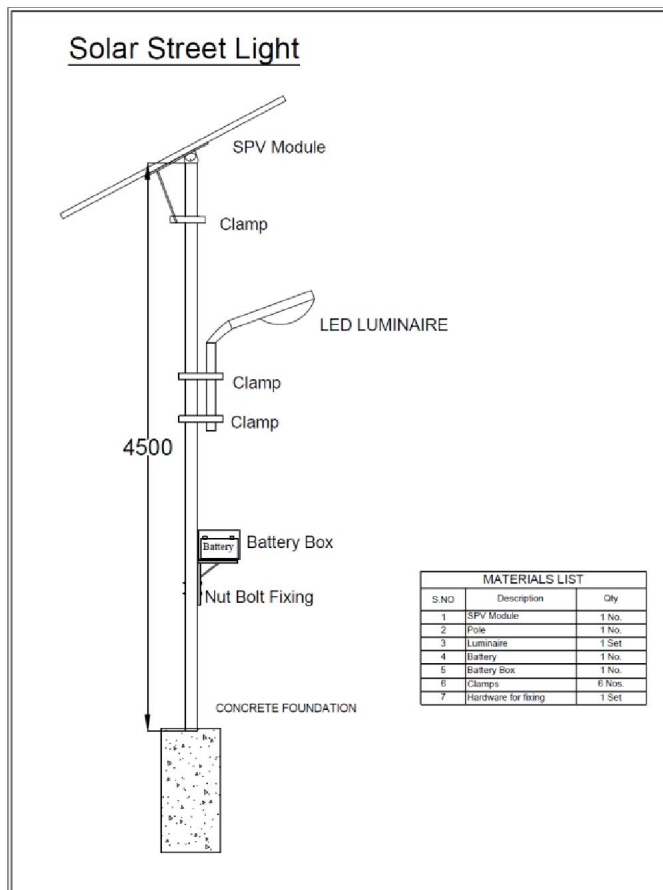


SOLAR STREET LIGHTING SYSTEM

LOBEL SOLAR STREET LIGHTING SYSTEM:

Solar Street lighting System is a standalone lighting system for illumination of streets, squares and cross roads located in areas that are not connected to the power grid. It consists of CFL / LED lamp, battery, control electronics, Solar Photo Voltaic Module, Mounting structure and hardware.



FEATURES

- Structure - Durable, tough, MS with corrosion resistant paint.
- Simple User Friendly with Dusk to dawn operation.
- Low self-discharge, highly reliable.
- Well protected electrically and mechanically.
- Excellent for remote villages as well as semi-urban areas.

Technical Specifications of Solar High Power LED Street Lighting System				
Sl. No	Item Description	12 LED	18 LED	9 LED
1	SPV Module	50Wp / 12V	74Wp / 12V	40Wp / 12V
2	BATTERY SMF	12V, 45Ah	12V, 65Ah	12V, 42Ah / 38 Ah
3	LAMP	12 LED	18LED	9LED
4	DUTY CYCLE	Dusk to dawn	Dusk to dawn	Dusk to dawn
5	ELECTRONIC PROTECTIONS			
a	Battery over charge	Protection provided	Protection provided	Protection provided
b	Battery deep discharge	Protection provided	Protection provided	Protection provided
c	Reverse flow of current	Protection provided	Protection provided	Protection provided
d	Load Short circuit	Protection provided	Protection provided	Protection provided
e	Reverse polarity	Protection provided	Protection provided	Protection provided
f	SPV Charging indication	Provided	Provided	Provided
g	Battery low indication	Provided	Provided	Provided
6	MECHANICAL COMPONENTS			
I	Pole	MS with corrosion resistant paint	MS with corrosion resistant paint	MS with corrosion resistant paint
II	Type of enclosure for battery	MS with corrosion resistant paint	MS with corrosion resistant paint	MS with corrosion resistant paint
III	Fixing Hardware	MS with Chromium plating	MS with Chromium plating	MS with Chromium plating

Due to continuous up gradation of products, specifications mentioned are subject to change without prior notice.

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