

Solar Street Light



**MNRE
Approved**

BENEFITS

- High efficiency Electronic circuitry.
- Very Low self consumption.
- 100% Short circuit protection.
- Surge / lighting protected.
- Perfect Design, Easy installation.
- Micro Controller based solar charge controller for efficient battery charging.
- Automatic dawn dusk operation (with timer- optional).
- Automatic dawn dusk operation (dim light with timer – optional))
- Highly Economic and reliable.
- Single Battery Type.
- Temperature Compensated battery charging.
- Approved by Ministry of Non Conventional Energy Sources, Govt. of India.
- “Fit and forget” device.

SPECIAL FEATURES :

1. Excellent for remote villages, farm houses, housing complex.
2. Low maintenance.
3. One time installation.
4. High reliability and durability.
5. More intensity of light.

TECHNICAL SPECIFICATION

LUMINARY TYPE	SE-SSL6W	SE-SSL8W	SE-SS12W
Output Light Intensity	8 Lux @ 12 Ft.	11 Lux @ 12Ft.	17 Lux @ 12Ft.
Nominal Power	6W	9 W	12 W
Efficiency	>85%	>85%	>85%
Battery	40 AH Tubular	40 AH Tubular	75 AH Tubular
No. of LEDs	6	9	12
SPV Module	37 W	40 W	75 W
Self Consumption	<6ma	Nominal battery	12V
Max Module current	5A		
Charging Method	CC-CV (boost)/CV Float		
Charge Controller	Micro controller Based		
Display Indication	LED (Low Battery, Charging)		
Battery connection	4Meter Long 1.5 sqmm copper wire with lugs provided		
Indication	Battery Low, battery Charging		
SPV Connection	2.5 meter 1.5 sqmm 2 core wire fitted with lugs		
Pole	15 ft. / 20 ft.		
Installation	Pole		
Battery Box	MS sheet box with non weather proof powder coating		
Luminary degree of protection	IP65		
Cooling	Natural air cooled		
Ambient Temperature	-20°C to + 50°C		



Static Energy