

EVERGREEN

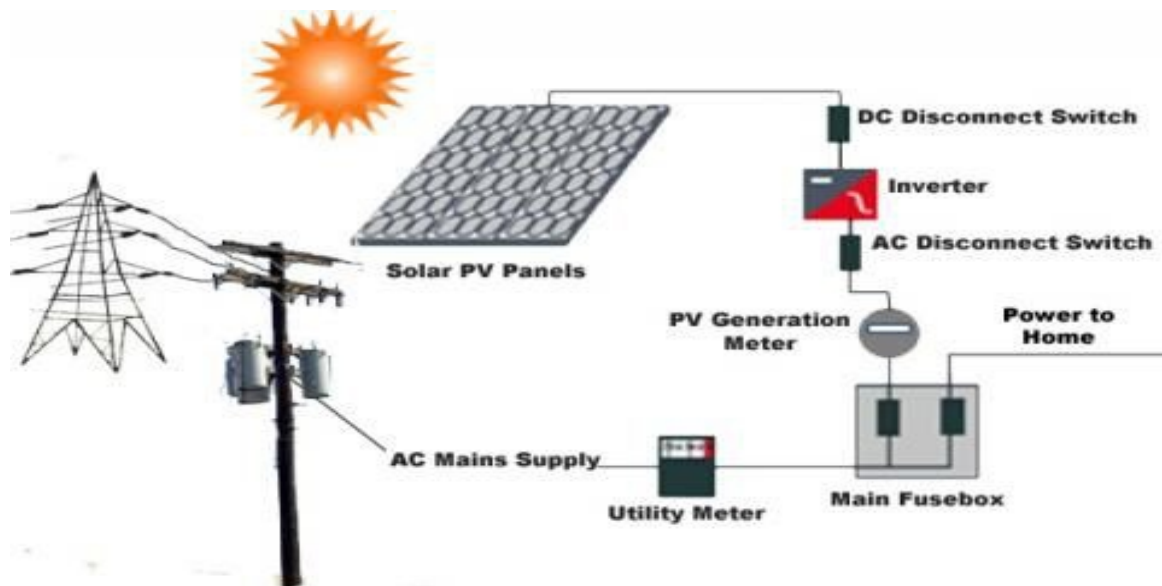
RENEWABLE TECHNOLOGIES

One with The Nature

**SUSTAINABLE ENERGY
FOR THE BRIGHT FUTURE**



SOLAR ROOFTOP POWER PROJECTS



★ Key Benefits of Solar Rooftop Power Project For Industrial, Commercial, Residential and Institutional Sectors :-

- Considerably cut-down the electricity cost, compare to DISCOMs electricity rate.
- Very low cost of electricity generation rate (Approx.Rs.1.5 to 2.5 kWh for entire 25 yrs.) It is a Secure Investment.
- Solar radiation is available free of cost, so fuel cost is nil.
- The accelerated depreciation on the Solar plant (at 40%) can be claimed against taxable profits for the first year.
- It has Zero emissions, noise free, high efficient and eco-friendly green energy, Reduce carbon footprints.
- It can be installed quickly, low maintenance, higher reliability and support from the Government.
- Suitable for Indian climate. Represent Quality of life. Tier 1 rated technology.
- Payback period of the installed solar power plant is approx 3 to 5 years.
- Net metering benefits as per states solar policy, mostly surplus generated Solar Power purchase by DISCOMs and it will be adjusted in the billing cycle

★ Area Required

To set up 1 kWp grid connected Rooftop Solar System require Approx 80 sq.ft. shadow free area.

★ Life period of Plant

More than 25 years



ETC Solar Heater Specification	
Parameter	Specification
Solar Water Heater Type	Evacuated tube collector
Inner tank Material	Epoxy coating Galvanized Iron
Insulation	PUF 50 mm
Cladding	Pre Coated Galvanized Iron
Connection	Intel : 1", Outlet : 1", 1.25 for Elec. Back Up
Stand	1.8 mm GI with P.P Powder Coating

FPC Solar Heater Specification	
Parameter	Specification
Solar Water Heater Type	Flat Plate Collector
No of Fins	9 Nos
Box Material	Aluminum
Colour	Black/A/Signal White
Insulation	Rockwool

Capacity(LPD)	No.of Mambers	Size(LxBxH)
100 LPD	01-03	5x7x5
150 LPD	04-05	6x7x5
200 LPD	05-06	7x7x5
250 LPD	06-07	8x7x5
300 LPD	07-08	9x7x5
500 LPD	08-11	9.5x8x7

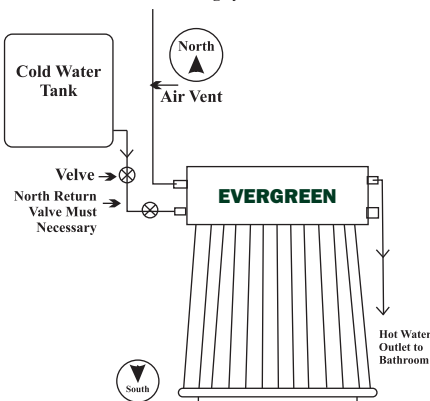
★ **Application :-**

- Residential Bungalows and Appartement
- Hotels, Hospitals and Hostels
- School, Swimming Pool and Farm House
- Club and Resorts

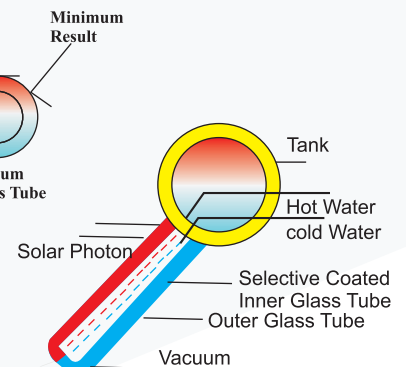
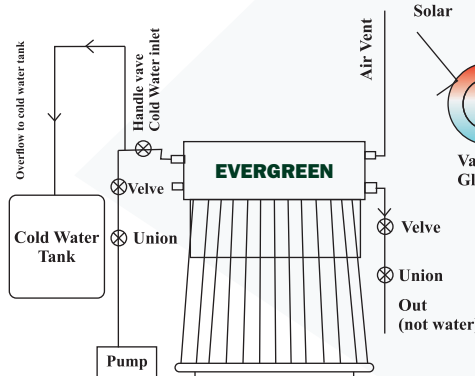
★ **Benefits :-**

- Hot Water Throughout year
- Reduce Energy Bills
- Lower Carbon Footprint

Overhead tank water feeding system



Manual water feeding system



SOLAR STREET LIGHTS



Sr.No.	LUMINARY	SOLAR PANEL	BATTERY	MS POLE
1	12 W	50 Wp/12V	42 AH/12 V	5mtr
2	15 W	50 Wp/12V	42 AH/12 V	5mtr
3	18 W	75 Wp/12V	65 AH/12 V	5mtr
4	20 W	80 Wp/12V	65 AH/12 V	5mtr
5	24 W	100 Wp/12V	75 AH/12 V	5mtr
6	30 W	120 Wp/12V	100 AH/12 V	6mtr
7	60 W	250 Wp/12V	100 AH/12 V	6mtr

★ ADVANTAGES:

- LED chips with high lumens package with longer life.
- Automatic dusk to dawn operation.
- Easy Installation.
- Environmental friendly.
- Long life with high performance luminaire.
- Low energy consumption with high durability and reliability.
- High backup (autonomy) even under extreme cloudy conditions.

★ Applications :

- Remote area lighting.
- Pathway and laneway.
- Military lighting.
- Farms and villages.
- Garden and parking.
- Railway yard and station.

EVERGREEN RENEWABLE TECHNOLOGIES

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