

## INFYENERGY SUNFACTORY PVT LTD.,

#210/38, 'Skanda', 3rd Floor, 3rd Block, Dr.Mallegowda Road,  
50th Cross, Rajajinagar, Bangalore - 560010  
+ 91-80-23218094, + 91-9945811833  
gs.raghavendra@infysun.co.in | www.infysun.co.in, www.infinergy.co.in



infy energy  
sunfactory  
pvt.ltd.

## INFYENERGY SOLAR LED STREET LIGHT

### DESCRIPTION:

INFYENERGY make Solar Street lighting system is an ideal lighting system for the illumination of streets, squares and cross roads located in areas that are not connected to the power grid. This fully integrated system combines the latest and most innovative technologies available, providing years of convenient and trouble free lighting. Fully assembled and factory tested kits are available. Natural Energy Resource Consultants has a wide range of Solar Streetlights, for different lighting requirements.

INFYENERGY 11/22/30/36/40/60/80 Watt, is the stand-alone Solar Street lighting system of INFYENERGY „INFYSUN BRAND“ is comprising of two Solar Streetlight Luminary (SSL) each using LED Lights having 1 Watts x No.. as light source, Re-chargeable with Sealed Maintenance Free battery for storage, PV modules for charging the battery, suitable electronics for the operation of the lamp and safe charging and discharging of the battery and mechanical hardware for fixing these sub systems. INFYENERGY make LED Solar Street Lights are available in different wattage the difference being the module wattage and battery capacity to suit the needs of locations with different sunlight.

### Features

- Automatic dusk to dawn controller (DTDC) / Timer operation
- Highly efficient charge controller and inverter
- Two step charging algorithm
- Temperature compensated battery set points
- Weather proof luminaries
- Adequate protections and indications
- UV stabilized bowl and canopy
- Anodized aluminum reflector

### INFYENERGY SOLAR LED STREET LIGHT SPECIFICATIONS

PARAMETER	SPECIFICATION
System Voltage	12V DC
Charging Current Capacity	10Amps
<b>Rated Power</b>	<b>11/22/24/36/40/60/80 W</b>
Battery Low Voltage Disconnect	22.2 +/-3% VDC
Battery High Voltage Reconnection	24.2 +/-3% VDC
Idle Current Consumption	<5mAmps
Night Time Voltage Drain	Nil
Efficiency	>85%
Led Make	OSRAM/CREE/PHILIPS/NICHIA
Colour Temperature	Cool White (5500 to 6500K)
Luminous Flux	>3000 Lumens
Life Span	> 50,000 Hours
Battery SMF ( Sealed Maintenance Free)	65 /75/100 ah
Body	Sleek Body

## INFYENERGY SUNFACTORY PVT LTD.,

#210/38, 'Skanda', 3rd Floor, 3rd Block, Dr.Mallegowda Road,  
50th Cross, Rajajinagar, Bangalore - 560010  
+ 91-80-23218094, + 91-9945811833  
gs.raghavendra@infysun.co.in | www.infysun.co.in, www.infinergy.co.in



Heat Sink	Optimized thermal design to ensure maximum life to LED.
Dust and water Protection	IP Standards

### LED Luminary Details

Body	Sleek Body
Heat Sink	Optimized thermal design to ensure maximum life to LED.
Dust and water Protection	IP Standards

### SOLAR PV MODULE

Module Technology	Poly(Multi) Crystalline
Module Rating	100-120Wp $\pm$ 5% at STC*
Number of Modules	As per requirement**
Product Standard	IEC 61215, IEC 61730, CE
Mechanical Dimensions/Weight	As per Data Sheet attached.

### Protection Parameters

Over-Current Protection	Inbuilt
Short-Circuit Protection	Inbuilt
Over-Voltage Protection	Inbuilt
Over-Temperature Protection	135 °C
Lightning Protection	Inbuilt



## INFYENERGY SUNFACTORY PVT LTD.,

#210/38, ' Skanda', 3rd Floor, 3rd Block, Dr.Mallegowda Road,  
50th Cross, Rajajinagar, Bangalore - 560010  
+ 91-80-23218094, + 91-9945811833  
gs.raghavendra@infysun.co.in | www.infysun.co.in, www.infinergy.co.in



### Terms & Conditions: Terms & Conditions :

- ✓ Our prices are on ex works basis , Above Prices are Exclusive of Tax.
- ✓ Transportation and Insurance is extra.
- ✓ If any Increase in govt. taxes and duties, the differences shall be charged with immediate effect at the time of billing.

### Payment Terms :

50% advance with clear P.O. and balance 50% against Proforma Invoice.  
Warranty of One Year from the date of billing for , solar panels comes with 25 years  
Performance warrantee. Manufacturer Warrantee of 1 year is included.