



INTEGRATED SOLAR LED STREET LIGHT

(By NavAid Energy Pvt Ltd an ISO 9001:2008 Company)

Product Introduction-

The Integrated Solar LED Street Light is researched and developed by the NavAid Energy Pvt Ltd. It's wireless and easy to be installed, with the free maintenance and long working life comes with all in one solution for Solar Street light having inbuilt Lithium ion battery bank, LED lamp and Solar module and PIR Motion Sensor Enabled which ensure more working time and detect human movement to magnify or dim the light output and eventually saving battery life.

The Solar module Controller LED lamp and Lithium ion battery ALL in one, Integration Design



Product Feature-

- Integrated design, beautiful, simple and convenient
- Solar power supply, green environmental protection, zero emissions
- Using new long-life battery, lithium ion the free maintenance for 4-6 years
- The multifunction controller, more energy saving and lighting for longer
- Professional street light secondary light distribution more uniform, No glare OSRAM LED
- Surface anti-corrosion treatment and IP65

Popular Use-

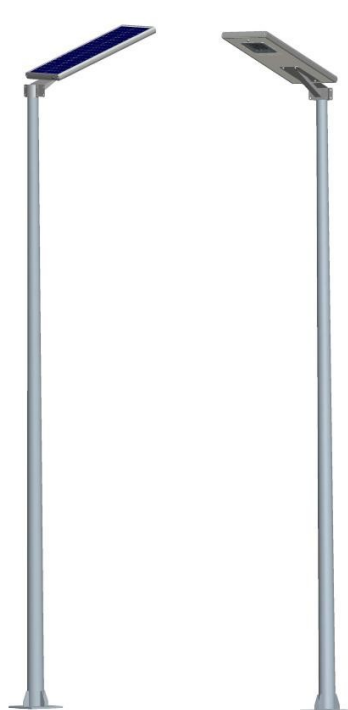
- For small streets, parking lots, arenas, public spaces, yards, open areas, rural lighting projects, hill Side lighting, hotel lawns etc



TECHNICAL SPECIFICATIONS-

MODEL	NE-ISSL-12W	NE-ISSL-15W
PV Module	40W12V Polycrystalline Inbuilt PV	40W12V Polycrystalline Inbuilt PV
LED Wattage	12W	15W
LED Chip	OSRAM/CREE/SEOUL	OSRAM/CREE/SEOUL
View Angle	120 degree	120 degree
PIR Motion Sensor	Inbuilt for dimming	
Color Temperature	5000~6500K (Cool White) / 2700~3500K (Warm White)	
Color Rendering Index	> 70	
Life Time	>5Years	
Battery Type/ Capacity	Lithium Ion battery / 11.1V/11000mAH	
Battery Life Time/Warranty	3-4years / 1year	
Charge Controller & LED Driver	MPPT type /PWM Driver with auto dimming to enhance working time	
Electronics Warranty	2years	
Circuit Protection	Overcharge, discharge, short circuit, open load, lightning protection	
Autonomy	15Hours	
Dimension/ Weight	670x450x105mm / 9Kg approx	
Working	Dusk to Dawn operation	

Installation Rendering (Example)-



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