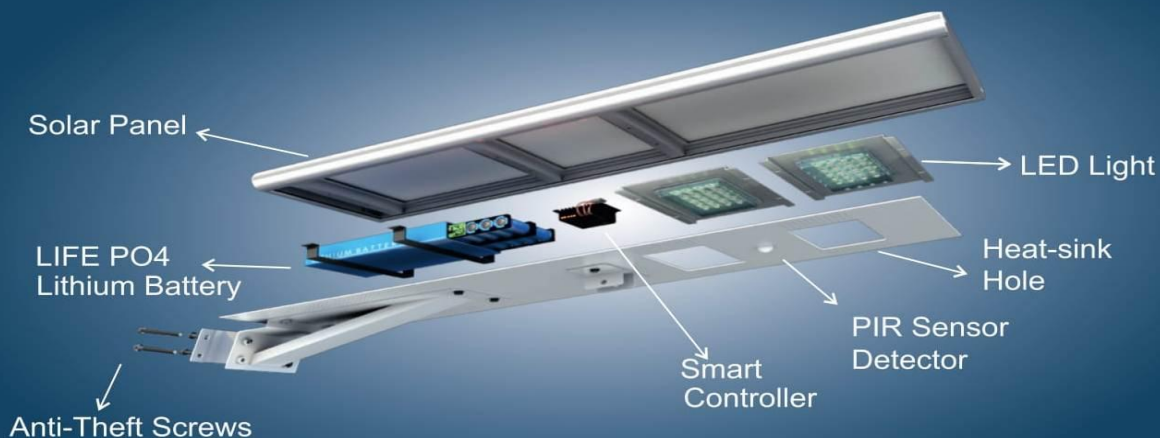




# WESTERN SOLAR SYSTEMS

Renewable Energy Solutions

## ALL IN ONE SOLAR STREET LIGHT



**LifePO4 Lithium Battery**



**5 years Battery Life**



**Environmental Sensibility**

### ■ INNOVATION

Integration of photovoltaic module, charging controller and LifePO4 battery combined with high output LEDs and human infrared sensor brings multiple features such as high luminance, long lifespan, minimal maintenance and easy installation

### ■ SMART CONTROLLER

Encapsulated Water Proof SMART CONTROLLER over 80% charging efficiency.

### ■ LITHIUM LIFE PO4 BATTERY

Lithium LIFEPO4 the ultimate technology for Solar Application. 5 times longer life cycle than Gel Acid Battery and most suitable battery to INDIAN climate than Lithium ION Battery

### ■ LED LIGHTING

Bridgelux from USA with High brightness LED with over 110 Lumens / watts and over 50 000 Hours Lifetime. BARWING Lenses light distribution with greater than 93% uniformity

### ■ MOTION DETECTION

The SLId will automatically switches ON at Dusk and Switches OFF at dawn. built in motion sensor . 50% permanent lighting when presence is detected power turn to 100%.

### ■ EASY INSTALLATION

With a well designed bracket support the SLId is very Easy and Flexible to install on Any pole and walls.

**WESTERN SOLAR SYSTEMS**  
CTS 3368/1, OPP RLS College,  
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# WESTERN SOLAR SYSTEMS

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## PRODUCT SPECIFICATIONS | SLId Series



### Technical Specifications

#### All In One Solar LED Street Light

Street Light	Model	12Watt	15Watt	30Watt	60Watt
Solar Panel		High Efficiency Monocrystalline silicon			
	Max Power	18V/20W	18V/30W	18V/60W	18V/100W
Battery	Capacity	12.8V/9AH	12.8V/12AH	12V21AH	12.8V/40AH
	Type	Lithium-Ion / LiFePO4 (optional)			
LED Lamp (with Motion Sensor)	Max Power	12V 12W	12V 15W	12V 30W	12V 60W
	LED Chip Brand	Epistar	Bridgelux LED chip		
	Lumen (LM)	1000	1500	3000	6000
	Life Time	50000 hours			
	Viewing Angle	65°X 120°	140°	140°	140°
Charge Time	By Sun	7 hours with strong sunshine			
Working	Hours	10-12 hour, over 3-4 rainy days			
Lamp	Material	Aluminum alloy			
Protection	IP 65	Working Temperature		-20°C ~ 60°C	
Sensor Distance	In Radius	8m	8m	8m	No Sensor
Weight	Net Weight	3.5Kg	3.9Kg	8.7Kg	12.6Kg
	Gross Weight	3.9Kg	5.1Kg	10.2Kg	14.5Kg
Mounting Height	Range (m)	3 - 4m	4 - 5m	5 - 6m	7 - 8m
Space Between Lights	light Range(m)	10 - 12m	12 - 15m	20 - 25m	25 - 30m
Warranty	2 Years				

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