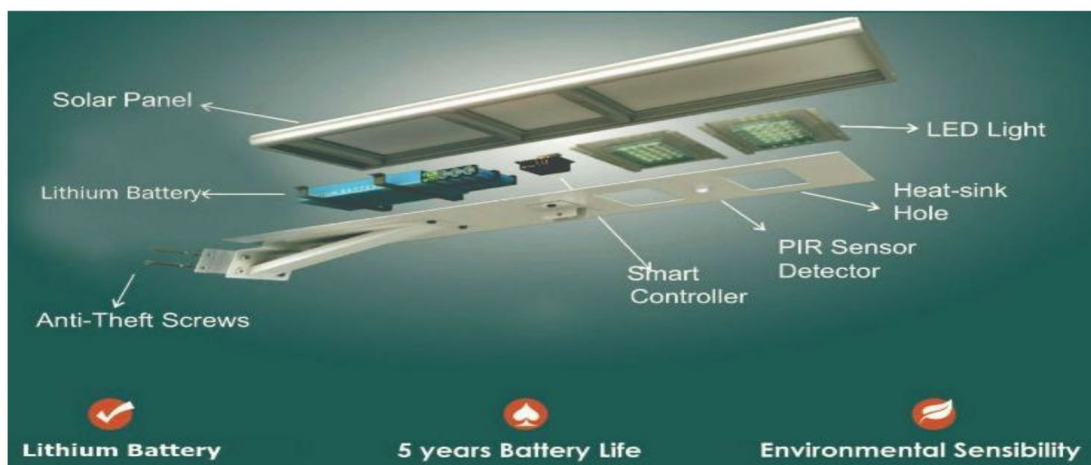


## INTEGRATED SOLAR STREET LIGHT



### TECHNICAL SPECIFICATIONS:

**INNOVATION:** Integration of photovoltaic module charging controller, LITHIUM battery combined with high output LEDs and human infrared sensor brings multiple features such as high luminance, long life span, minimal maintenance and easy installation.

**SMART CONTROLLER:** Encapsulated Water Proof SMART CONTROLLER over 80% charging efficiency.

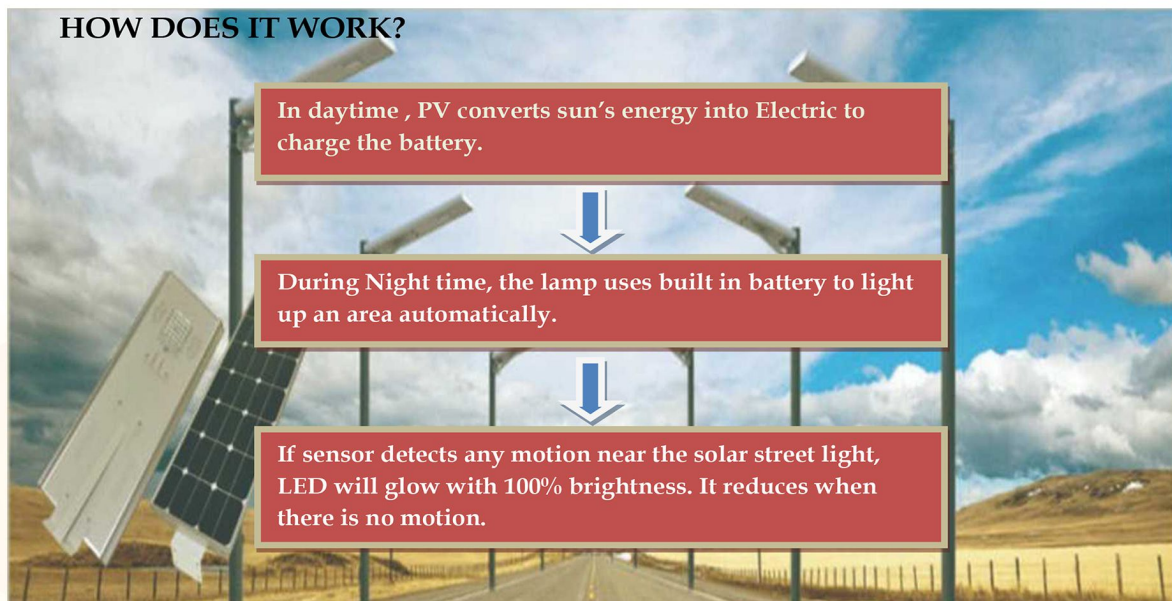
**LITHIUM BATTERY:** LITHIUM BATTERY the ultimate Technology for solar Application. 5times longer life cycle than Gel acid Battery.

**LED LIGHTING:** Cree/Osram from USA with High brightness LED with over 145 Lumen/watts and over 50000 Hours Lifetime. BATWING Lenses light distribution with greater than 93% uniformity.

**MOTION DETECTION:** The device will automatically switches ON at Dusk and Switches OFF at dawn built in motion sensor will light at Pre-set level and when presence is detected light turn to 100%.

Solar Panel	5V/40W
Panel Life Span	25 Years
Charging time with enough strong sun shine	6 ~7 hours
Lamp	JAPAN NICHIA SMD LED 20W
LED Life Span	50000 Hours
Battery	3.2V/60AH(LIFEPO4)
Battery Life Span	8 to 10 Years
Duration	Whole Night Lighting
Installation Height	5m
Total Lumen	2800
Focus	15 to 18m
Warranty	2 Years
Working Temperature	-30°C ~ +70°C
Distance b/w 2Poles	15m ~ 18m
Power Factor	>= 0.95

**EASY INSTALLATION:** With a well designed bracket support the device is very Easy and Flexible to install on any pole and walls.



**BENEFITS:**

- Fully Automated
- Long life product
- Eco- friendly
- Easy Installation
- No maintenance Required

**WHERE CAN BE USED?**

- College Campus
- Rural Roads
- Colony Roads
- Urban Streets
- High ways



**ALL IN ONE SMART  
INTEGRATED SOLAR LED  
STREET LIGHT**