

<b>Product Name</b>	<b>All in One Solar street Light</b>
System features	<ul style="list-style-type: none"> <li>- Integrated Solar panel, LED light, PIR motion sensor, Li-ion battery and high efficiency solar charge controller</li> <li>- PIR Sensor adjusts LED brightness on sensing motion (12m range)</li> <li>- LEDs dim to 1/3 intensity after 1 min. of detecting no motion</li> <li>- Automatic dusk to dawn operation &amp; Solar panel dirty indication</li> <li>- Battery overcharge/deep discharge protection</li> <li>- GREEN &amp; RED LEDs for indicating battery charging / fault</li> </ul>

## Technical Specifications

LED Light	12W / 15W Models available
Solar panel	Poly-crystalline 40W
Battery capacity	11.1V 10Ah / 15Ah Lithium-ion battery
Motion Sensor	PIR motion sensor (12m range) Detection: 102° Horizontal & 92° Vertical
Solar charge controller rating	5A
LUMEN Output	1200 /1500Lumen. Dimming to 1/3 intensity on detecting no motion for more than 1 min.
LED Dispersion angle	120°
LED Driver efficiency	>90% (Battery to Load)
LED light operating Voltage Range	9V -12.6 V DC
Pole Diameter	Pole diameter 3 inch or less (U-bolts provided)
Light mounting height	4m – 5m above ground level
Space between light poles	10 m – 15m
Humidity Range	0 to 95% (non-condensing)
Temperature range	0 to 60 °C
Product Warranty	2 Year (Battery warranty 1 year)
Light backup time	Full night with dimming
Net Weight	11 kg
Weight with Packing	13 kg
Product Dimensions (L x W x H)	70cm x 45cm x 7cm
Packing Dimensions (L x W x H)	95cm x 53cm x 16cm

\*In process of product improvement, product specifications can change without notice

**GREEN & RED LED indications**

<b>LED Indication</b>	<b>Condition</b>
RED: One blink every 2 second	Battery discharged
RED: Two blinks every 2 second	Solar panel needs to be cleaned
RED: Solid On (Unlikely fault)	Battery voltage too high (system fault)
GREEN: Solid On	Battery fully charged
GREEN: One blink at 2 seconds interval	During DAY, Charging current < 1 Amp
GREEN: Two blink at 2 seconds interval	During DAY, Charging current > 1 Amp

