

# VF Technologies 12w AIO Smart Solar Street Light



## Lens Based LED

For Wider Beam Angle

## LiFePO4 Battery Pack

For Long Battery Life

## Auto Dusk to Dawn

Controller

## Auto Dimming

For Power Saving

### Special features:

- Automatic dusk to dawn (ON-OFF)
- 50% Dimming with PIR Motion Sensor.
- Battery overcharge/deep discharge protection.
- Battery and solar panel reverse polarity connection protection.
- LED Array Open / Short circuit protection.

## Specifications

<b>LED Lumen Output</b>	130 lm/W
<b>LED Make</b>	Osram
<b>Beam Angle</b>	120 Degree
<b>LED Light Colour</b>	Cool White ( CCT : 6500K )
<b>Solar Charge Controller Rating</b>	12.8V / 6A
<b>Operating Voltage</b>	11.5V- 14.8V
<b>LED Driver Efficiency</b>	>90% (Battery to Load)
<b>No Load Current</b>	<10 mA
<b>Load cut-off voltage</b>	11.5 V
<b>Humidity Range</b>	0 to 95% (non-condensing)
<b>Temperature range</b>	0C to 80 C

### Solar PV Module

<b>Module</b>	30Wp Poly
<b>Voltage at Pmax(Vmp)</b>	18V
<b>Current at Pmax(Imp)</b>	1.67A
<b>Open-Circuit Voltage(Voc)</b>	21.5V
<b>Short-Circuit Current(Isc)</b>	1.97A

### Battery

<b>Battery</b>	12.8V 6Ah Li FePO4 Battery
<b>Nominal Battery Voltage</b>	12.8V
<b>Battery Operating Voltage range</b>	11.5V-14.8V

### Accessories

Light Fitting Bracket

### Product Warranty

1 Years Against Manufacturing Defect