

VF Technologies 20w 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

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

Solar PV Module

Module	50Wp Poly
Voltage at Pmax(Vmp)	19V
Current at Pmax(Imp)	2.53A
Open-Circuit Voltage(Voc)	22.5V
Short-Circuit Current(Isc)	2.75A

Battery

Battery	12.8V 6Ah Li FePO4 Battery
Nominal Battery Voltage	12.8V
Battery Operating Voltage range	11.5V-14.8V

Accessories

Light Fitting Bracket

Product Warranty

2 Years Against Manufacturing Defect