



## 18W All IN ONE SOLAR LED STREET LIGHT with Motion Sensor

Item	NES-LIA-18
	 
Power	18W
Solar Panel	12V 40W
Battery Size	Inbuilt Li-ion / LiFePo4 Battery with 16-18 Hours autonomy
Primary Thermal Management	Single Piece MCPCB with thermal pads
Dimming Option	Yes
Driver Efficiency	>85%
Net Power Consumption	18 ± 10% W
LED Luminous Efficacy	≥ 145 lm/W
CRI	>70
Light Source	OSRAM/BRIDGELUX LED
Maximum Temperature of Heat Sink	65° C
Color	Cool White, Warm White
Color Temperature	2700-6500 K
Led Beam Angle	120°
Optics	High Efficient Asymmetric optics of 60x140 ° included for Larger Spread of Light
Features	Battery indication ; automatic dusk to dawn operation with power saving mode; battery over voltage and low voltage protection; Repairable driver; Cable free installation
Storage Temperature	35°C
Working Life	>50000 Hrs.
Dimension*	(665X460X55) mm
Weight*	9.8 kg
IP Rating	IP65

\*Subject to change without notification