


12W BATTERYLESS SOLAR LED STREET LIGHT

Item	NES-LION-12
	
Power	12W
Solar Panel	12V 40W
Battery Size	Inbuilt Li-ion Battery with 16-18 hour autonomy
Primary Thermal Management	Single Piece MCPCB with thermal pads
Secondary Thermal Management	High Pressure Aluminium DieCast
Dimming Option	Yes
Driver Efficiency	>85%
Net Power Consumption	12 ± 10% W
LED Luminous Efficacy	>= 145 lm/W
CRI	>70
Light Source	OSRAM LED
Maximum Temperature of Heat Sink	65° C
Color	Cool White, Warm White
Color Temperature	2700-6500 K
Led Beam Angle	120°
Optics	70*140 or 85*135
Features	Battery Indication , Battery Zero voltage protection, Automatic Dusk to Dawn Operation with Power Saving Mode , Battery Over Voltage & Low Voltage Protection, Fast Charging Time Compared to SMF/Tubular Battery
Storage Temperature	35°C
Working Life	>50000 Hrs.
Dimension *	(250X105X115)mm
IP Rating	IP65

* Subject to change without notification