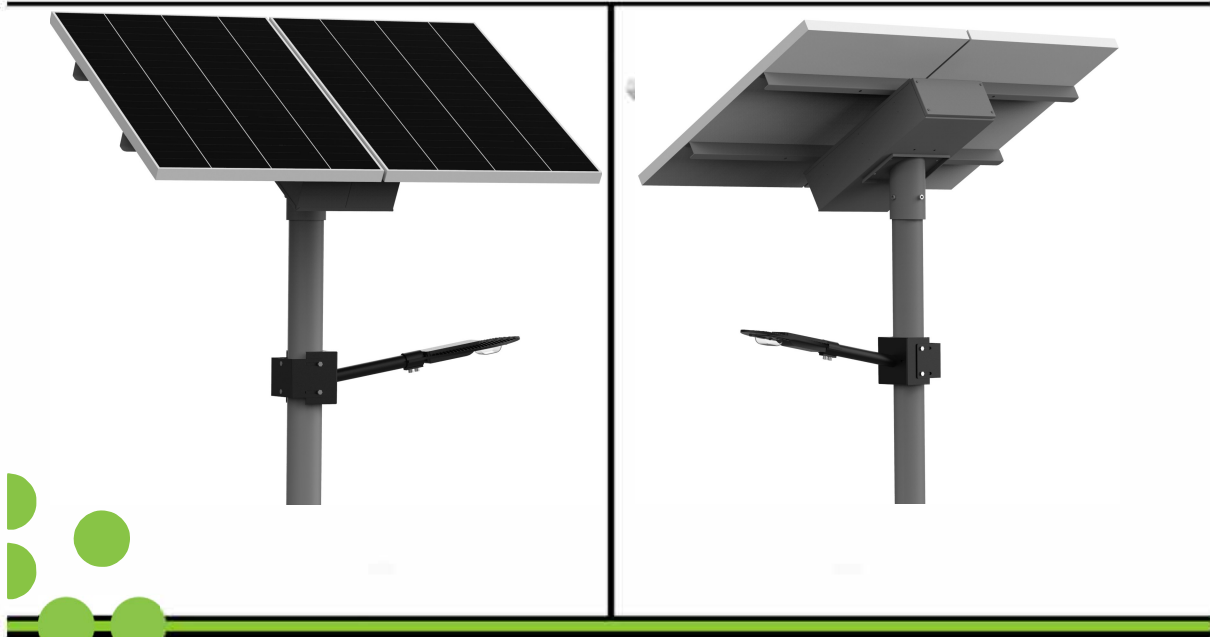


# 100W Solar Street light

Model - SFSOLST100UNI2-LI



The UNI2 Solar street light is slimline, compact and aesthetically pleasing which incorporates all components together in a modern and robust design. This model is supplied with a 100w Cree / Philips SMD LED with a lumen output of 130lm/w.

Distribution is an Asymmetrical batwing design.

The battery is designed for 13Hrs with 3 nights of reserve and requires 5 hours to replenish.

Designed to operate for 13 hours per night with Smart 365 technology ensuring your light runs all year.

Choice of LED luminaires ranging from 130 --143 lumens per watt.

Multiple LED luminaire options for different lighting applications with lens options

This model can be supplied with single or multiple solar panels - local stock dependent

**SUNFAR**   
TECHNOLOGIES 

LOCALLY MANUFACTURED LED AND SOLAR LED LIGHTING

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<b>LIGHT</b>	Power	100W
	LED	Cree
	IP Rating	IP 65
	Flux @ CCT 5700 - 6000K	13000
	CRI - Colour Rendering Index	70 / 80
	Optical control	Glass Lens
	Average Lifespan	8 years
	Operating temperature	-30 Deg ~ + 45 Deg
	Mounting height	9 -10 meter above surface
	Beam angle	Asymmetric Batwing-Type1, 11 or 111
	Lumen per watt	130
	Pole to pole distance	42 meters
<b>BATTERY</b>	Lithium	Sharp / LG
	Voltage	25.6v
	Watt Hours	2048Wh
	Lifespan	2000 cycles
<b>SOLAR PANEL</b>	Power	380w
	Voltage	36v
	Maximum current	9.6 Amp
<b>CONTROLLER</b>	Charging method	MPPT
	Dimming parameters	100 / 70 / 50 & 30%
	Day night sensor	Integrated Day / Night sensor
	Lighting parameters	4 stage programmable
	Electrical parameters	Temperature compensation
Overheating, overcharging and over discharging protections		
<b>BATTERY CRADLE AND ENCLOSURE</b>	A Grade steel treated with anti rust and powder coated Manufactured in an SABS approved facility with ISO 9001 - 3CR12 stainless steel optional	
<b>POLE</b>	Galvanized with an option to powder coat-11.5m (139 - 127mm coll)	
<b>WARRANTY</b>	3 years on all components - option to extend	

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**Warranty**

**LED Luminaire -5 years LED, 10 years on housing**  
**Electronics including battery - 5 years - option to extend**  
**Pole - 10 years workmanship**  
**Solar panel - Tier 1 - 12 years, 25 years performance**