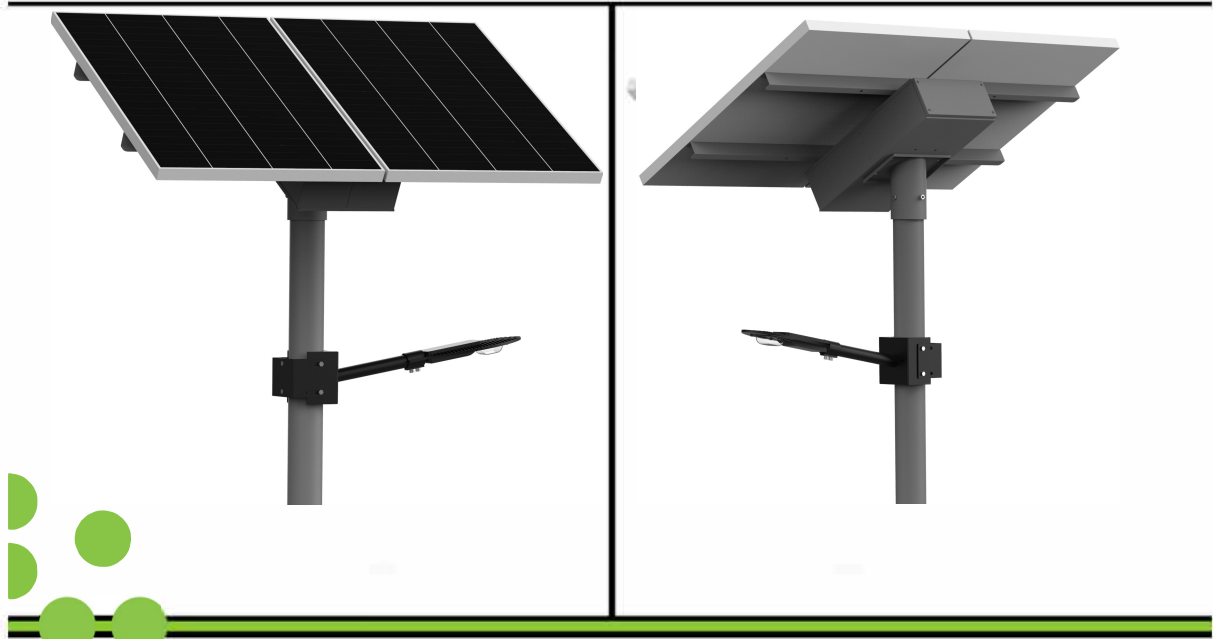


80W Solar Street light

Model - SFSOLST80UNI2-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 80w Philips / Cee 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

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LIGHT	Power	80W
	LED	Cree / Philips
	IP Rating	IP 66
	Flux @ CCT 5700 - 6000K	10400
	CRI - Colour Rendering Index	70
	Optical control	Glass Lens / PMM A
	Average Lifespan	10 years
	Operating temperature	-30 Deg ~ + 45 Deg
	Mounting height	8 - 9 meter above surface
	Beam angle	Asymmetric Batwing, Type1, 11 or 111
	Lumen per watt	130 - 143
	Pole to pole distance	40 meters
BATTERY	Lithium Ferro Phosphate	Sharp
	Voltage	25.6v
	Watt Hours	3072Wh
	Lifespan	2000 - 3000 cycles
SOLAR PANEL	Power	370w
	Voltage	36v
	Maximum current	9.5 Amp
CONTROLLER	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
BATTERY CRADLE AND ENCLOSURE	A Grade steel treated with anti rust and powder coated Manufactured in an SABS approved facility with ISO 9001	
POLE	Galvanized with an option to powder coat - 9.2m (127 - 114mm collar)	
WARRANTY	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 - 3 years - option to extend
Pole - 10 years workmanship
Solar panel - Tier 1 - 12 years, 25 years performance