

100W Solar street light

Model - SFSOLST100UNI-LI



The Sunfor Universal 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 Lumileds LED technology with a lumen output of 130 - 143lm/w.

5Hrs 100%, 7.5Hrs 70% or full power with intelligent Smart 365 mode preset for extended battery life or full load and Smart power function.

Distribution is an Asymmetrical bat wing design. The battery is designed for 13Hrs with 2 nights of reserve and requires 5 hours to replenish.

Each model is supplied with lasercut lettering into the cradle which can be used to highlight, name of place, street / road or place of interest.

Choice of LED luminaires
Double or single panel configuration

SUNFOR 
TECHNOLOGIES
LOCALLY MANUFACTURED LED AND SOLAR LED LIGHTING

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LIGHT	Power	100W
	LED	Cree / Philips
	IP Rating	IP 66
	Flux @ CCT 5700 - 6000K	13000 / 14300
	CRI - Colour Rendering Index	80
	Optical control	Glass Lens
	Average Lifespan	8 - 10 years
	Operating temperature	-30 Deg ~ + 45 Deg
	Mounting height	10 meter above surface
	Beam angle	Asymmetric Batwing 140 x 80
	Lumen per watt	143
	Pole to pole distance	40 - 45 meters
BATTERY	Lithium Ferro Phosphate	Sharp
	Voltage	25.6v
	Watt Hours	2251,08Wh
	Lifespan	2000 cycles
SOLAR PANEL	Power	360w
	Voltage	54v
	Maximum current	6.67 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 & ISO 14001	
POLE	Galvanized, option to powder coat - 11.5m (139-127-114mm collar)	
WARRANTY	3 years on all components - option to extend	