

Solaris 360 – Solar Powered Street Light

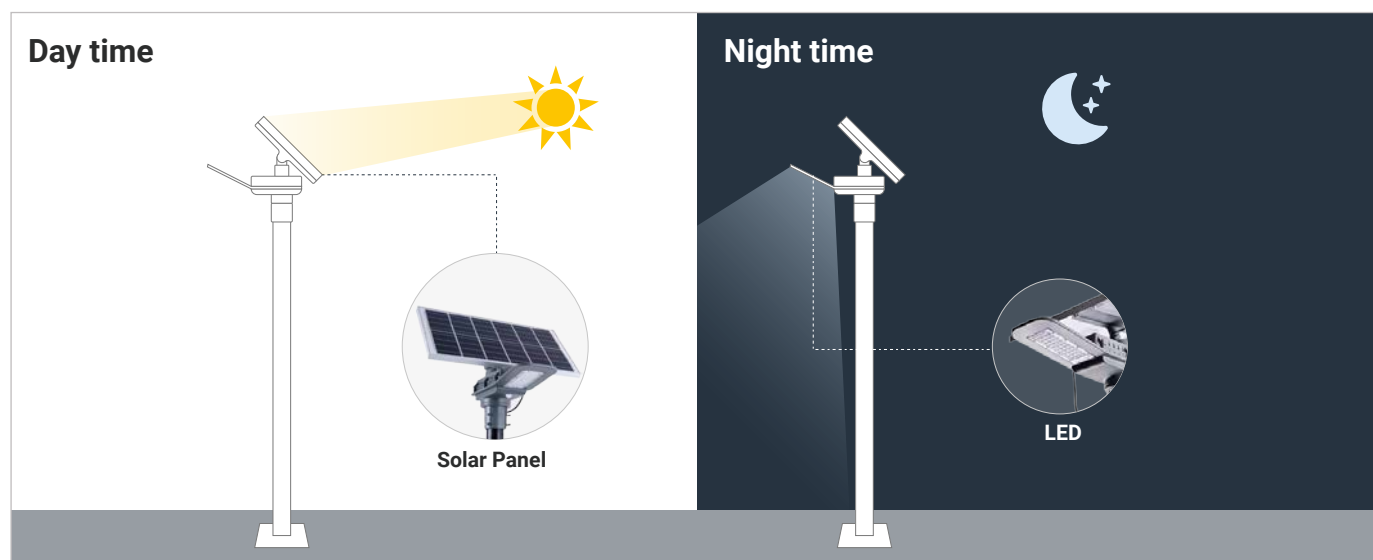
The **INVO Solaris 360 solar powered LED Street Light** takes exterior solar lighting to the next efficient level. We have combined a high lumen per watt LED chipset (130 lumen per watt) and partnered this with an advanced MPPT controller and high gain solar PV panel. Coupled with a high volume advanced Lifepo4 battery for durability and stability, this is truly a cutting edge design with market leading performance. Due to the **360 degree rotating solar panel** on a built in bracket horizontally and 180 degree rotating bracket vertically, this panel can be pointed in the direction of the sun for optimum solar gain. This means you can place the LED luminaire over the area you want to light, while the panel points to the sun, making for a very versatile solar light fitting option.



- > **NO** Electricity consumption
- > **NO** Running cost
- > **NO** Cabling / Trenching
- > 5 year warranty (3yr battery)



How it works



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Specification		PD-Solaris-30W	PD-Solaris-60W	PD-Solaris-90W
Nominal Flux		3,900 lumen	7,800 lumen	10,800 lumen
The solar panel	Max. Watt	50W	75W	110W
	Version	High efficiency crystalline silicon solar module		
	Lifespan	20 years		
Battery	Version	High efficiency solar lithium battery		
	Capacity	3.2V-87AH	12.8V-25AH	12.8V-38AH
LED Lamp		CREE 40-3030SMD	CREE 90-3030SMD	CREE 90-3030SMD
	Metal	High quality die cast aluminum		
	SMD	High brightness 3030SMD bridgelux		
	Lifespan	50,000 hrs		
Controller		Microcomputer intelligent controller, lightning protection and reverse connection. 100% brightness with detection. 20% brightness without detection. (Working mode: Light control + human body induction)		
Charge time		6~8hrs/day (strong light)		
Working time		0~12hrs / night. It can maintain normal operation for three cloudy and rainy days		
Warranty		5 years (3 year on battery)		
Installation height		3-5M	4-6M	5-8M
Lighting spacing		15-20m		
Size of base		480x170x245mm (dia. of bollard is 76mm)	580x200x280mm (dia. of bollard is 76mm)	580x200x280mm (dia. of bollard is 76mm)
Size of solar panel		655x393x25mm	600x580x25mm	970x580x30mm