SPFS Series



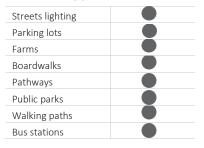


SPFS Series Smart All In One Solar Street Light through innovative design, the real realization of the integrated solar street light definition. SolarPaths's well-built, modern high- end, compact all feature flagship product. All In One(integration) design solar light put all core parts and smart motion sensor in one kit, to be used for parks, streets, parking lot.

Key features

- Solar powered outdoor lighting
- Lithium battery prolongs life and protects
 environment
- Modular compact design, easy assembly
 and maintenance
- IP66
- Rust-proof, dustproof and waterproof

Uses and Applications Guide





Technical Specifications

	Туре	High-efficiency Monocrystalline Silicon				
	Power	Up to 200W				
Solar Module Parameters	Adjustable Angle	360° on the horizontal direction; 270° on the vertical direction				
Solar ChargeController	Туре	MPPT (Maximum Power Point Tracking), infrared solar charging controller				
Parameters						
Lithium-ion Battery	Туре	LiFePO4 (lithium-ion ferrous phosphate)				
Parameters	Capacity	Up to 691.2WH				
	Light Source Power	Up to 100W				
	Lamp Rated Total Luminous Flux	Up to 18,000lm				
	Luminous Efficacy	180lm/w				
	CCT (Correlated Color Temperature)	3,500K-6,000K				
LED Light Parameters	Color Rendering Index (CRI)	\geq 75 (\geq 80 optional)				
Detector (Motion Sensor)	Sensor Type	Microwave Detection (By Radar)				
	Detection distance	≤65FT				
	Delay Time	10 seconds (optional)				
	Saving Mode	Continuously 4–5 rainy days.				
Control Modes	1.Light control 2. Timing control 3. Microwave control 4. Timing + Microwave control					
Operation profiles	1. 100%-2hr, 70%-2hr, 20% till dawn.					
	2. 50%-1hr, 100%-4hr, 50%-3hr, 25%-4hr.					
	3. 100%–6hr, 50%–6hr.					
	4. Always 30% dim, motion sensor trigger jump to 100% for 2 minutes.					
	5. Always 20% dim, motion sensor trigger jump to 100% for 2 minutes.					
	Mounting Height Range	Up to 39FT				
Installation Recommen dation	Installation Distance Range	Up to 131FT				
	Pole Upper diameter	2.36in – 2.99in				
Lighting Material	Die-casting Aluminum					
Extended Application	Wireless Remote controller					
	GPRS Integrated Management System(Remote control and monitoring)					
	light body	Depend On LED power				
Product size	solar panel	Depend On Solar Panel wattage				
Not weight	light body	Depend On LED power				
Net weight	solar panel	Depend On Solar Panel Wattage				

Ordering Guide

EXAMPLE: SPFS-50W-15W-2-35K-192WH-WH-01

Model	Solar Panel	Led Power	Distribution Type	Led Color Temp	Battery options	Body Color	Options
SPFS	50W	15W	2 – Type II	35K	192WH	WH – White	01 – motion sensor
	60W	20W		40K	230WH	*SI – Silver	
	70W	30W		50K	268WH	*BK - Black	
	80W	40W		60K	345WH		
	100W	50W			422WH	*Min 20 pcs	
	120W	60W			537WH		
	160W	80W			614WH		
	200W	100W			691WH		



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