

High-efficiency Monocrystalline Silicon

360°on the horizontal direction; 270°on the

LiFePO4 (lithium-ion ferrous phosphate)

Depend On Solar Panel wattage Depend On LED power

Depend On Solar Panel Wattage

MPPT (Maximum Power Point Tracking), infrared solar





Solar Module

Solar Charge Controlle

Lithium-ion Battery

Parameters

Parameters

Parameters

Type

Power

Туре

Type

Flux

Capacity

Adjustable Angle

Light Source Power

Luminous Efficacy

solar panel

light body

solar panel

CCT (Correlated Color

Lamp Rated Total Luminous

Technical Specifications

Up to 400W

Up to 51AH

Up to 200W

160lm/w

Up to 30,000lm

3,000K-6,500K

vertical direction

charging controller

SPSF 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

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

Uses and Applications Guide

Streets lighting	
Parking lots	
Farms	
Boardwalks	
Pathways	
Public parks	
Walking paths	
Bus stations	



Temperature) LED Light Color Rendering Index (CRI) ≥70 Microwave Detection (By Radar) Sensor Type Detector (Motion ≤82FT Sensor) Detection distance 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 mode 100%-2hr, 70%-2hr, 20% till dawn. 1. 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. Always 20% dim, motion sensor trigger jump to 100% for 2 minutes Up to 39FT Mounting Height Range Installation Up to 147FT Installation Distance Range Recommen dation 2.36in - 2.99in Pole upper diameter Lighting Material Die-casting Aluminum Wireless Remote controller Extended Application GPRS Integrated Management System(Remote control and monitoring) light body Depend On LED power

Ordering Guide

EXAMPLE: SPSF-A-50W-15W-2-30K-15AH-WH-1-01

Model	Solar Panel Quantity	Solar Panel	Led Power	Distribution Type	Led Color Temp	Battery options	Body Color	Arm	Options
SPSF	A-1	50W	15W	2 – Type II	30K	15AH	WH - White	1 – Single	01 – Motion sensor
	B - 2	60W	20W	3 – Type III	40K	18AH	*SI - Silver	2 - Double	*00 -No motion
		70W	30W	4 – Type IV	50K	21AH	*BK - Black		sensor for 200watt
		80W	40W		65K	27AH			LED's only
		100W	50W			33AH	*Min 20 pcs		
		120W	60W			39AH			
		150W	80W			45AH			
		180W	100W			51AH			
		200W	120W						
		260W	150W						
		300W	180W						
		360W	*200W						
		400W							

Product size

Net weight



*Up on request

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